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## VAUHHANS Bafegan roollections.

Bulbs for Culture in the House or Conservatory.


BULBS FOR OUT-DOOR CULTURE.
FOR SPRING-BLOOMING IN THE GARDEN.
Hge these collctions being put up in large quantities, in advance of orders, we posively cannol permil any changes whatever
COLLECTION D Contains 1155 FULL SIZED BULBS-one half the $\begin{gathered}\text { quantities of the list below, which we furnish at the }\end{gathered}$ extremely low price of $\$ 1.45$, or by mail or express, prepaid, for $\$ 1.60$

COLLECTION C Contains $\begin{gathered}\text { selow) which we furnish at the eextremely low price }\end{gathered}$ of $\$_{2} 75_{5}$, or Dy mail or express, prepaid, at $\$ 3.00$.


6 BRODIAEA, mixed.
6 BULBOCODIUM VERNUM.
12 CHIONODOXA, Glory of the Snow.
6 CALOCHORTUS, Mariposa Lily.
36 CROCUS, separate colprs.
12 DAFFODILS, mixed.
4 CROWN IMPERIALS.
12 GRAPE HYACINTHS. 4 HYACINTHUS CANDICANS.

## 12 HYACINTHS, Dutch, separate colors.

12 IRIS, mixed.
10 JONQUILS.
2 LILIES, hardy.
24 SNOWDROPS, double and single.
12 SCILLA, SIBERIAN.
12 FREESIAS, Leichtlini Major.
12 TULIPS, PARROT, mixed.
36 TULIPS, double and single named.
Hepr cheaper collections see "Mikado Collections" on Hzacint pasca
"FLOWER BULBS." Oar book on the cultare by F. F. Rexford, containg full information as to their treatment invaluable to all amateur growers, price, 25 c . This book is given FREE with Collections A and C. and sent for ro cents with Collections B and D, provided the book is ordered with the collections.

TOBACCO INSECTICIDE SOAP.
It is absolutely safe to handle and will not injur the tenderest growth of plants. It is used by dissolving in hot water at the rate of one ounce to two quarts of water, with this water the plants are sprinkled, syringed or sponged, and one or two applications will exterminate any kind of insect. It is sure death to green or black fly (aphis), scale, mealy bug, red spider, etc. If used once or twice a month on plants they will never be troubled with insects. Sold in seven ounce cans at 30c. each, and in two ounce packages at 12c, each, by mail, postpaid.

## BOWKER'S PLANT FOOD.

RESURRECTION PLANT. A curions plant of the south, which Orchid-like, seems to draw its subsistance from the air, and iftaken mp and allowed to dry, becomes dormant, but possesses the remarkable power of becoming fresh and green in a single night after being given water. Each, 10 c ., 3 for 25 c .

## POTTING SOIL.

We have at various times furnished to our local customers a supply of good potting soil, properly mixed and compounded with bone meal and decayed manure, similar to that used in our greenhouses at Western Springs. This has given such complete satisfaction that we now offer it sifted and packed ready for use. It is just the soil to suit all ordinary plants and bulbs and will be sent by expreas or freight at buyer's expense. Price, per bushel, \$1.00; per barrel, \$2.00.


WINTER Flowering Bulbs and Plants, grow in favor every year. This Fall edition of "Gardening Illustrated," containing the best popular kinds, interests our customers more and more each season, since in addition to the very natural demand for winter flowers, we find many summer flowering varieties, succeeding far better when sown or transplanted in Autumn. Interesting notes concerning such will be found in this book. (Sweet Peas,

> Our new book, "Flower Bulbs," by E. E. Rexford,
revised by J. C. Vaughan, conrevised by J. C. Vaughan, conculture of all kinds of bulbs: price 25 c ., or free if requested price 25c, or free if requen from this catalogue amountfrom this catalogue am
ing to $\$ 2.00$, at one time. Pæonies, Clematis, Small Fruits and many of our best things are in this list.) We were fortunate in securing, not only the best selections posssible, but VERY LOW PRICES, the advantage of which we we have freely given our customers in materially reduced offers, as will be readily seen on all the following pages.

For twenty years we have made Flower Bulbs a prominent specialty in our trade and we supply through our stores at Chicago and New York the Florists, the Parks and Cemeteries and the private planters in America, probably more largely than any other one seed house in this country, and we are thus able to fill all orders promptly, fully and at close wholesale prices for quantities.

Autumn Bulbs and Plants extend the season of flowers through the dreary months of frost and snow and maintain the blossoms and foliage of June amid the frosts of December. This miniature summer, made perennial by these winter flowering bulbs, is, from its very contrast, one of the most attractive possibilities among all the pleasures of gardening. Nature has made very kindly special provision for this in storing away in these bulbous, dormant plants, flowers which in many cases are brilliant in color-

[^0]ing and sweet in perfume. And it is a very pleasant part of this that few even of the hardiest summer flowers give such bountiful and satisfactory results for the attention bestowed.

## Our New Central Location in Chicago.

On May 1st last, we removed our retail State Street Store together with our West Side Offices, Mail and Express Departments, to the large 4 story and basement building at Nos. $84 \& 86$ RANDOLPH ST. near Dearborn. Here we are very centrally located with much enlarged facilities for local business-customers will please notice when arranging to call on us that we are one block only (around the corner) from our former store on State Street.

OUR MAIL ADDRESS IS AS BEFORE, P. O. BOX, 688.

## BUSINESS RULES---PLEASE READ CAREFULLY


#### Abstract

How to Order. - We do not send seeds, Plants or Bulbs C. O. D. Write your Name, Past Office, State and your Express Offle plainly with black ink, on every order and every time you write to us. Give plain shipping directions; where none are given we use our best judgment, but it must be at your expense and risk.

Prepaid,-Prices given in this catalogue usually include prepayment by mail on Bulbs and Plants (not tools, unless so marked) excep where offered "by express," or marked otherwise then the purchaser is to pay charges.

Remember, sometimes in the busiest season others may have orders ahead of you, which must be filled in rotation. Order early.

Cost of Remitting.-Our customers may select additional bulbs FREE, with every order of $\$ 1.00$ or more, to the amount of the cost of the money order, registered letter, or other remittance.

Very Important.-You can greatly aid us by using Order Sheet, as follows 1. Place the quantity wanted before each article. 2. Use one line for each kind ordered. 3. As nearly as possible make out your list in the same order in which the goods are catalogued, beginning at the front.

Prompt Delivery.-If goods are not received in a reasonable time. send exact copy of order, date sent, stating amount of enclosure, kind of remittance (draft or money order) and the same will be investigated.


How to Pay.-Send cash with order (as we do not open book accounts for small amounts, and can only serd to value of money received) by New York or Chicago Draft, Registered Letter, Money Order, Express Order in any of these ways at our risk. Postage stamps in small amounts are taken as Cash, but they must be sent so they will not stick together. Registered letters are generally very safe and you can send that way from any postoffice and get our receipt by return mail. Postal Notes are not safe.

Errors.-If stock is not as expected, compare with order, read catalogue rules carefully and if we are in the wrong write us at once, giving all particulars as in paragraph above, but do not complain to others until we have had a chance.

Time of Sending. - Not all Fall Bulbs are ready at the same time, but nearly all of the Dutch and French importations are in the store by September 15th. The following table gives approximate dates of arrival.

Sept. 1 st, Lilium Candidum, Roman Hyacinths, Lilium Harrisii, Freesias, Paper White Narcissus. Sept. 15 th, Hyacinths, Tulips and other Dutch bulbs, Callas. Oct. 20th, full supply of Lilies, Chinese Narcissus, Dahlias, Pæonies and Gladiolus. Nov.10th, Spirea and Lily of the Valley, new crop of Tuberoses.

Unless otherwise stated by our customers, we always forward such Bulbs as are ready on receipt of order, and the balance as fast as the different kinds arrive. If other arrangements are desired, please to so stateat the bottom of the order.

## NAMED HYACINTHS.-Picked Bulbs.

(If to go by mail add at the rate of 20 cents per doz. for postage; price on single bulbs includes postage.) The Hyacinth is the most popular of all flowering bulbs, for the window garden in Winter. Its fine Lilac-like spikes of fragrant blossoms in a wide range of beautiful coloring from softest pink to deepest purple, and from pure white to deep orange yellow, makes this an ideal flower for the living room.

NEW VARIETIES of named Hyacinths will be found in this list, some of which are imported from Holland this year for the first time. See our new Book "Flower Bulbs," for full cultural notes. Varieties marked thus ( ${ }^{*}$ ) are best for growing in water or forcing. Those marked ( $\ddagger$ ) are later sorts. Get and plant your bulbs early.

## DOUBLE WHITE.

*A 11112 Maria, violet eye, low

Each Doz. Bouquet Royal, very double.... $\dagger$ Duchess of Bedford, pure, large \begin{tabular}{ll}

1. \& 75 <br>
.8 \& 80 <br>
\hline
\end{tabular}

Jenny Lind, pure, purple eye. $\begin{array}{llll}\text { Jennix Lind, pure, purple eye.......................... } 10 & 100 \\ \dagger \text { iLa Deese, cream, very double, fine flower....... } 12 \text { I } 20\end{array}$ La Tour d'Auvergne, best pure white....... 10100 La Virginite, blush, low, large bells.......... ... $8 \quad 75$ Miss Nightingale, pure white, fine bells, large.. Io I 00 Nanette, pure, low.
Non Plus Ultra, pure white, pink center.
Venus, fine large spike................................

## DOUBLE BLUE.

Blocksberg, porcelain, extra large bells. Chas. Dickens, dark porcelain blue, fine... *Crown Prince ofsweden, dark, extra

## large

Garrick, rich blue, good truss
General Antinck, porcelain.
(10............. 10 100
ord wellington,
Mignon von Dryfhout, lilac............................... 10 ioo
Othello, large and double, nearly black.
Prince Saxe Weimar, dark blue.
Rembrant, lavender, with dark eye..
DOUBLE RED AND ROSE.
Bulss," by E. E. Rexford, revised by I. C. Vaughan, con-
tains full information on the tains full informacion on the
culture of all kinds of bulbs; culture of all kind of bulbs;
price 25 c... or free if requested with orders of Bulbs or Roots
from this catalogue amountfrom this catalogue amour
ing to $\$ 2.00$, at one time.


Bouquet Royale, rose, dark center.............. 1o 100 Bouquet Tendre, bright red, fine.. Czar Nicholas, fine rose.

## Gladstone, beautiful pink.

*Grootvorst, blush, very fine, late................. 20
'Esperance, delicate pink, large Netherland's Glory, large crimson.
Lord wellington, rose, large bells.
Noble par Merite, rose, dark center
Prince of Orange, pink, striped carmine........ 8 I 75
Prince of Orange, ping, stripedna la'ge........ 12 I 20
HOUBLEE YEIROW.
Goethe, bright yellow, fine truss
Jaune supreme, pure very double....
$\begin{array}{ccc}10 & 1 & 0 \\ 10 & 1 & 0 \\ 12 & 1 & 0\end{array}$
Minerva, new, beautiful orange.
Minerva, inw,
†Ophir dOr, straw color........
Oran ge souquet, extra.
Orangenouciuet,

## MIXED HYACINTHS.

## Add Ic. per bulb or I2c. per dozen for postage.

Our Mixed Hyacinths are excellent for culture in the house or forgrowing in beds on the lawn. They are particularly adapted for cutting. For ribbons or other effects secured by contrasts of color we recommend the separate shades, such as light blue, rose, etc., which are greatly adapted for use in ribbou beds, etc.
Note greatly reduced prices.
DOUBLEE VAERIETIES.-Mixed.


Each Doz
$\qquad$
Yellow .......
All Colors............................
mixed

SINGLE WHITE.

* Alba Superbissima, pure finetruss. Elich. Doz. $\$ 100$ (100. $\$ 60^{10}$ Baroness von Thuyl, pure white,
$\qquad$
*Blanchard, pure, large.
11....................... 1

Grand Vedette, pure white, large bells. Grand Vainqueur, pure, fie....
La Franchise, waxy white, large spike..
La Grandesse, largest pure white..
MAMMOUTM, waxy white, large truss...
Mont Blanc, pure white, extra fine.........
Mme. Vander Hoop, pure, large bells;
forces best ................................
*Paix de l'Europe, splendid. pure.................
*Queen Victoria, pure white, large truss.
*Voltaire, shaded rosy, fine spike.
SINGLE BLUE.
Argus, blue, white eye, tall
Baron von Thuyl, purple, large 10
8

Blue IIourant, davblue
$\dagger$ Blue Mourant, dark bl
Blondin, light, fine spike....
Charles Dickens, porcelain, fine
Charies Dickens, porcelain, fine......... 8
*Czar Peter, light, grand sort..................... 12
Grand Lilas, laveuder, extra large and fine. Io
Grand Maitre, light blue, fine.................. 10
*King of the Blues, deep, fine spike,
splendid.
*H,eonidas, clear, fine sort.
Leopold II, dark blue.
Leopold II, dark blue..................................... 8
Mary, dark, fine spike................................ .
Pieneman, enormous sky-blue bells, large
$\qquad$
Regulus, light, very large.
*Uncle Tom, silky violet black....
William I, very dark, early bloomer.............. 10 I 00

## SINGLE IRED AND ROSE.

*Amy, scarlet, tall, compact spike.................. 8
Belle Corinne, deep pink, large............ 8
Cosmos, dark rose, large spike.................. 12
Fiancee Royale, deep pink
Gertrude, deep pink, fine truss
rertruae,
*General Pelissier, crimson, early.
Gigantea, rose, very large bells..
00
.................. 10
L'Adorable, rosy red, fine............................... Io
*Lord Macauley, large truss, bright...
Mme. Hodsoin, pink, striped red
Maria Theresa, rose, tall
Moreno,new, large pink, very fine............ 20
Norma, fine rose large bells, tall...
Queen Victoria Alexandrina, ctimson... 10
Robert Steiger, crimson, tall............... 8
Sultan's Favorite, fine rose, tall................... 8
SHNGLE YELKOW.
*Alida Jacoba, deep canary, fine................ 12
Grand Vainqueur, orange.............................. 1
Hermanw, orange
12
10

Ida bright, large spike, early........ ................. 15
King of the wellows, pure yellow,
fine..................................
L', Or d'Australie, clear yellow.
La Pluie d'Or, light
William III, orange

Decorated, sevetal stvies. ......... ...... ................. $5^{25}$
These Hyaciuth Glasses cannot be sent by mail.


## ROMAN HYACINTHS.' If to go by maii add sc. per dozen for postage.

There are no more popular winter-blooming bulbs than Roman Hyacinths. They are certain to bloom in the house and may easily be grown by the most inexperienced in pots of soil, or in water and pebbles. They are not hardy nortn of Washington, D. C. By planting early, flowers may be had at Christmas or sooner: a succession can be kept up by potting bulbs at intervals. When the bulbs are planted, set away in a cellar or other cool location until vigorous root growth has been made. Three bulbs can be planted in a 5 inch pot. Most bulbs throw up from 3 to 5 spikes of Hyacinths in immensequantities from the South of France, which enables us to supply the very best bulbs. The flowers are dainty, graceful and delightfully fragrant.

Each. I/4 doz. Doz. 100.
 Light Rose ............ 3 IO $30 \quad 2.35$ White, first class bulbs..................... 3 handsome $\qquad$ 3 $\begin{array}{lll}10 & 30 & 2.35\end{array}$

SPECIAL OFFER: 1 each of above 5 colors for 20c., 3 each ( 15 bulbs) for soc., postpaid.


## DOTCH ROMANS."

Pompone or Miniature Hyacinths.
Also called "Dutch Romans."
These little Hyacinths are excellen ${ }^{t}$ for growing in pots, pans or boxes; they bloom very freely, often producing 3 or 4 spikes. They are equally desirabie for culture out-doors; they should be planted closer together than the "Dutch Hyacinths." Culture is the same as recommended for the Roman Hyacinths and they come into bloom after the Roman Hyacinths are exhausted. The flowers are white, red and blue in various shades.
"DUTCH ROMANS," White, red, blue or all colors mixed, each, 4 c.: 3 for roc.; doz., 30 c .; by mail, 40 c . Per 100 by express, $\$ 2.25$.

sky 1811 e , 3 for 5 c .; 12 for 15 c .
sinow.White, new, very pretty, 2 for TWINING HYACINTH. (Brodiaea Volubilis.) sc.; doz., $25 c$.

New Pink, a verv delicate attractive shade, each, $12 c . ; 3$ for $30 c$.

SPECIAL OFFER: We will send I each of the above for 15c., postpaid.


A very pretty and curious species, the flowers of which are a feathered plume, borne on the end of a long spike. It is perfectly hardy and is particularly adapted for opeu ground culture. 2 for $5 \mathrm{c}_{\text {. ; doz., } 25 \text { c., postpaid. }}$

## Hyacinthus Racemosus.

A hardy species with dark blue fowers, sometimes tipped with white. 2 for 5 c.; doz dioce.

## HYACINTHUS CANDICANS.

A very hardy, popular plant resembling a Yucca, producing A very hardy, popular plant quantities of drooping ivory white bell-shaped flowers of delior withgrance. In ind 3 for 25 c .: doz., 75 c ., postpaid.

50c. Mikado Bulb Collection 50c.
Special
Low Price

## Bulb

Collections. For House Culture. OR COLLECTION NO. 1
Contains 30 winter-flowering bulbs which we will send free by mail for 50 c .

3 Allium Neapolitanum. 1 White Roman Hyacinth. Spanish Iris.
Single and Double Tulipo Single
Mixed.

3 Sparaxis, Mixed. 3 Freesia Refracta Alba 1 Narcissus Paperwhite. 4 Crocus.
4 Oxalis. 1 Lily Harrisi.

25c. Mikado Bulb Collection. 25c. For Outdoor Culture,

OR COLLECTION NO. 2
Contains 25 spring-blooming bulbs which we will send tree by mail for 25 c.

| 5 Crocus, Mixed. | $\left.\begin{array}{l}5 \\ 2 \\ 5\end{array}\right)$ |
| :--- | :--- |
| 5 Sulips, Mixed. |  |
| 3 | Daffodrops. Mixed. |

Daffoduls, Mixed.
2 Scilla Siberica.

Our Great $\$ 1.00$ Mikado Bulb Collection, or collection no. 3 .
Contains 50 bulbs which we will send free by mail or express, for only $\$ 1.00$.

3 Roman Hyacinths, 2 Narcissus Paperwhite. 1 Bermuda Easter Lily. 10 Tulips, d'ble, s'gle, mxd 5 Alium Neapolitanum. 5 Freesia Refracta Alch Hyacinths
2 Dutch Hyacinths, Blue.

| Dutch Hyacinths, Blue. | 2 Caraxis. 3 |
| :--- | :--- |
| The above |  |

The above Collection will furnish flowering
plants from Christmas until Easter.


$\int$HE TULIP, for its gorgeous colors, its pretty cup-like shape and its early flowering, is one of the oldest Spring favorites; planted in beds or borders, it is unrivaled forbrilliant effect. As with most flowers, single varieties succeed better than double when forced; for this purpose they shouid be planted as early as possible; they need not be buried in ashes or earth like the Hyacinth, but should be kept in a cool, dark place until well started, after which the same treatment applies to both. The single dwarf Duc Van Thol varieties are especially adapted to forcing, and can be brought into bloom by January r. For outdoor planting, bulbs should be selected which will bloom about the sametime, and as with the Hyacinth, they will be more effective if massed in contrasting colors. Plant four to six inches apart and four inches deep, and cover with a few inches of straw or dry leaves. When in bloom the bed should be protected from rain or frost. Our list comprises the choicest sorts for general culture. The number preceding the name of the variety denotes the height in inches, an advantage that will commend itself to those of our customers who plant borders, etc., requiring uniformity in this respect, while the letters a and $b$ indicate their earliness of bloom; the a's flower together and are the earliest, the $b$ 's flower together but are somewhat later.

The prices for single bulbs include postage; the rate per 100 is by express. If to go by mail add sc. per doz. for postage.
Inch ..... Doz.
7 b Belle Alliance, extra scarlet, each, 4 c7b Bizard Verdict, red, striped yellow, each, 3c...................... 25
Sa Canary Rird, fine early yellow, each, 5 c.
$6 b$ Cottage Maid, rose and white, each, $5 c$
gb Keizers Kroon, fine large flower, deep red, edged yellow fine for both bedding and house culture, each, 4 c .
7b I, Vac Van Rhyin, violet, white edge, each, 3 c
Inch. ..... Doz8a Pottebaker, scarlet, very large, each, 4 c

8a Princess Mary Anne, white, shaded pink, each, 488b Queen Vietoria, white, fine for early blooming, each, 3 c................................................458 Rembrant, large, very early, bright scarlet, each, 3 c8b Rosa Mundi, rose and white, fine border Tuli
6b Rose Gris de Lin, extra fine pink, each, $4 c$3035
70sb Silver Standard, pink and white, fine large flower, ver
effective in beds, each, 3 ..... 30b Thomas Moore, bright orange, each, $4 c$6b Van der Neer, best clear violet, fine bedder, each, $3 c . . . . . .$. .
b Van Yondel, cherry, feathered with white, large, each, 3 c....25
30
b Wouverman, dark violet each ..... 40
8b Yellow Prince, clear yellow, each,25
SINGLE EARLY MIXED TULIPS.
Fine Mixture for bedding, 250 for $\$ 2.00$, per $1000, \$ 7.00 \ldots . . . . . . . . .$. . 15 ..... $15 \quad 100$


## Cheap Collection of Tulips.

In early Spring when Tulips are in bloom, many people, on seeing these beautiful flowers adorning the lawn of some fortunate possessor, mentally resolve that in the coming fall they will surely make such preparationsas will insure a similar display on their own grounds in the following spring. These Tulips are so reasonable in cost, easy to grow and certain to give satisfaction that we take pleasure in offering a few collections specially adapted for forming designs and grand masses of rich coloring, and selected from few collections specially adapted for forming designs and grand masses of rich coloring, and selected
varieties of the same height (an important consideration) and which will bloom at the same period.

COILIECTION A.--(Single Tulips, Solid Colors.) Contains 200 Tulips in four named varieties; sufficient for a bed 15 feet in circumference ( 5 feet across) planted 4 inches apart. Price, $\$ 3.00$, by express at purchaser's expense.

CAI.IECTION B.--(Single Tulips Solid Colors.) Contains 275 Tulips in four named Varieties; sufficient for a bed 5 ft , across by $61 / 2 \mathrm{ft}$. long. Price, $\$ 4.00$, by express at purchaser's expense.

COL,LECTICDN C.-(Double Named Tulips.) Contains 200 bulbs in four colors; sufficient to plant a bed 5 feet long by 3 feet wide. Price, $\$ 300$, by express at purchaser's expense. This collection is sure to please.

COLIECTION D.-(Double Named Tulips.) Contains 150 bulbs in three colors; will plant a bed 5 feet long by 3 feet across. Price, $\$ 2.25$, plant a bed 5 feet long by 3 feet acro
by express at purchaser's Expense.

## PEACOCK TULIP.

One of the finest Tulips for pot culture. It is the earliest Tulip to bloom and one of the grandest in cultivation. The flowers are very large and of a clear, transparent brilliant scarlet, with a golden band through three of its six petals and a large jet black center which is bordered with a pure golden yellow; the tips of the petals are white. A magnificent sort. Each, roc.; 3 for 25c.; doz; 75 c .

VARIOUS ODD TUITPS.
Florentine, fine yellow with a delicious violet like fragrance. Each, 6 c .; doz., 65 c .

Cesneriana, large brilliant scarlet, with blue center. Each, 4 c.; 3 for ioc.; doz., 30 c .

Greigi, the grandest of all Tulips. Brilliant orange, scarlet with yellow and black center, foliage spotted maroon. Each, 30 c . $; 3$ for 80 c .
spotted maroon. Each, $30 c$.; 3 for 80 .
Oculis Solis, crimson, with black center.
 Each, $5=$; 4 for 15 c .; doz , 55 c .


## ${ }^{\oplus}$

 NARCISSUS. HESE charming, graceful flowers are prime favorites for early blooming in the garden and are largely forced by florists for winter flowers. They are bright and hardy (except the Polyanthus sorts) and nearly all are most deliciously fragrant; no flower hetter deserves its popularity. Of easy culture, they are equally satisfactory for poiting and for the open bed and borders, where their rush-like glaucious foliage and white and yellow flowers are very much admired. For their cultivation the soil should be well loosened so that the roots have perfect freedom in their growth. The planting of bulbs should be deep, and about five to ten inches apart. Every one should have at least a few of these charming plants.For house culture, plant several bulbs together in a pot, and keep in a cool room; give plenty of light and water and they will bloom from February to April.

The Pólyanthus varieties are earliest and best adapted to house culture, but all will do well in pots if not kept too warm and forced too rapidly

Our Pacific Coast customers find these flowers among the most satisfactory of all the varieties in our list.

## NARCISSUS, OR DAFFODILS.

Single Bulbs are sent free by mail. If desired by mail add at the rate of ro centsper dozen for postage. We supply 6 Bulbs of any one kind at the dozen rate.

## $\approx$ - Single Trumpet Daffodils. <br> SPLENDID HARDY FLOWERS FOR OUT-DOOR PLANTING.

Emperor, the grandest Daffodilin cultivation. The entire flower is yellow; trumpet of immense size and petals very broad. Foliage flat and massive. (Fig. 2)............................. Perianth snow white. bold and erect, trumpet rich yellow. The best one of the two colored section.... 25 GOLDEN SPUR, extra large, rich yellow flower, devoid of green midrib. A famous English sort and one of the best. It is a very strong grower, and unsurpassed either for pot or garden culture.................................
Horsfieldi, very early bloomer, flower of great size. Perianth pure white, trumpet deep yellow. The 'Queen of Daffodils'
Bulbocodium Citrinus (Hoop Petticoat), admirable for pot culture; blooms early, does well in the open garden along with Chionod xa.

## - Single Daffodils, <br> WITH CUP-SHAPED FLOWERS.

Each, Doz. Bifiorus, creamy white with yellow cup, richly perfumed, two flowers on a stem. Blooms late. Succeeding Poeticus
Cynosure, la:ge, handsome flowers; perianth primrose changing to white, cup yellow, stained orange. Much used for forcing........... Incomparable, yellow perianth orange cup; large flower, vary-

Pseudio. common Daffodil, yellow trumpet, sulphur perianth early, also called Lent Lily

## - JONQUILS.

A species of Narcissus with pretty fragrant yellow flowers, suitable for house or garden culture. Prices include postage
Campernelles, large, single, light yellow, fragrant.

## Single, sweet-scented, yellow

Double, rich golden yellow, large and full
, large and full
SPECIAL OFFER: 3 each of above 3 sorts for 25c., postpaid.


POETICUS NARCISSUS. DOZ., I5C.
Perfect!y hardy, blooms year after year ing in shades and form butallattractive and fragrant. Early blooming.
Incomparabilis "Stella," a new variety of Incomparable with white perianth divided into six long petals, cupa light primrose yellow; early; good for house or garden culture..
Poeticus (Pheasant's Eve), one of the most fragrant ofthe Daffodils; beautiful white flowers with small yellow cup with a distinct rim of scarlet. Very hardy; charming in borders or clumps. $100,75 \mathrm{C} . .$. Poeticus Ornatus, improved Poeticus, blooms two weeks earlier; flowers larger and fuller, petals dazzling white. Six or eight bulbs grown in a 6 inch pot make a beautiful show when in bloom and last a long time. (Fig. 3). Per $100, \$ 1.50 \ldots$
Single Daffodils, mixed. $100, \$ 1.25 \quad 2$
General Note.-The bulbs offered in this catalogue are ready at different seasons, for instance: Dutch Bulbs, such as Tulips, Hyacinths, Crocus, etc., by September 15 ; Spireas and Lily of the Valley, in November, etc. We shall forward the bulbs as soon as ready, holding the balance of the order until the remaining bulbs arrive, unless instructed otherwise.


and are exceedingly fragrant, may be grown in glasses or pots, but are not hardy in the open ground.
Double Roman, one of the best for winter blooming. It is like other Polyanthus but the flowers are double. The color is white with a delicate yellow center and the flowets are very fragrant. It is early and sure to bloom, each, 3c.; doz., 25 c .
Grand Monarque, large white flowers, lemon yellow cup, each, 4 c .; doz., 4 cc .
Grand Soleil d'Or, yellow with deep orange cup, each, 3 c .;
dozen, 35c.
a, white with deep orange cup, each, 4 c. ; dozen, 400
Newton, perianth creamy yellow, cup deep yellow, each, 5 c.; dozen, 50 c .
PAPER WHITE, pure white, bloom by Christmas, per 100, $\$ 1.60$; ea. 3c.; doz., 25 C Staten General, white with pale yellow cup, each, 3 c.; doz., 35 c.
Polyanthus Narcissus, in finest mixture, per $100, \$ 1.75$; each, 3 c. dozen, 30 c .
SPECIAL OFFER: One each of above 8 sorts for $30 c . ;$ each for 8oc., postpaid.

## CHINESE SACRED LILY.

Produces very large bulbs, measuring from 12 to 18 iaches in circumference, which throw up from 5 to 10 flower spikes, bearing clusters of large, perfect waxy white blossoms with yellow center of a most delicious fragrance. They grow well in pots in a light and sandy soil, but the most successful way of cultivating is as the Chinese do-in water. Flowers freely and can be planted at any time from October until March. It seldom fails, even with the most careless cultivators and, take all in all, the bulb is like the nation from which it comes. a remarkable one.
Price, large selected bulbs, each, loc ; 3 for 2 sc.; doz., $\$ 1.00$; if togo by mail add sc. per bulb, or 45 c. per dozen for postage. Mammoth Bulbs, each 20c: 3 for 50c.; doz., $\$ 1.75$; if to go by mail add 5c. per bulb for postage. Until recently these Mammoth Bulbs were not permitted to be exported, but were sent to Pekin for the use of the richer classes. We have secured a very limited supply of these choice bulbs, and advise early orders to
secure them. If sold out of Mammoth Bulbs we shall send selected bulbs for tbe a mount of remittance unless specified otherwise by our customers.


CHINESE LILY BOWL.
We have pleasure in offering this very handsome article in an entirely new and beauliful pattern as shown in the accompanying illustration. The bowl is made of pressed glass and is just the thing in which to grow the very popular Chinese Lily bulb in gravel and water. Can only be forwarded by express. 6 inch for I bulb, 20c.; 3 for 50 c . 7 inch for 2 bulbs, 25 c .; 3 for 65 c . 8 inch for 3 bulbs, 30 c .; 4 for 80 c.
Gravel, such as is used for above, per quart. 5c. If by mail, postpaid, 40 c .

## MISCELLANEOUS BULBS.-GENERAL LIST.

BULB CULTURE.-It would be impossible in the small space of a catalogue page to give adequate instructions on growing bulbous plants; we therefore publish a complete little book entitled Flower Bulbs and their Culture. This we supply entirely free with any order for bulbs amounting to $\$ 2.00$ if requested at the time of ordering, otherwise we send it for 25 cents, post paid. Very valuable hints on ail varieties in general cultivation are given. All Bulbs are sent by mail postpaid, unless noted.

## ~ ALLIUMS.

NEAPOLITANUM.-It is not hardy, but for pot culture has few equals. Five or six bulbs put into a 5 inch pot in September will reward the cultivatorin December or January with immense heads of white flowers which last several weeks. These flowers are free from the disagreeable odor peculiar to other Alliums. Each, 3 c.; 4 for 10c.; doz., 25 c.

AMARYLLIS.<br>Belladonina Major.-(Belladonna Lily.) This is an autumn blooming variety of great beauty and fragrance: color delicate white, flushed and tipped with rose. The spikes bear from six to ten flowers. E,ach, 15c.; extra large bulbs, 75c., postpaid. Equestris.-(Barbadoes Lily.) Broad petal of a soft salmon scarlet color, marked in the center with white bars which radiate from the white throat. Each, 25c.; 3 for 60 c. Formosissima.-(Jacobean Lily.) Beautiful trumpet-shaped flowers of a rich, dark scarlet; forces well and can be grown in water like Hyacinths. Each, 15 c . ; 3 for 35 s .<br>Johnsoniin.-A very popular sort and one of the best for general culture; large flowers, fine crimson color, striped with white. Each, 40 c .; 3 for $\$ 1.00$,<br>VITTATA HYBRIDS. These are extremely beautiful.<br>White,-Veined, lined and penciled with shades of red. Each, 50c.; 3 for $\$ 1.35$ Red.-Shaded crimson and rose, penciled white. Each, $50 c$.; 3 for $\$ 1.35$. One each of the six kinds for $\$$. 60 , postpaid.



## $\because$ ARUMS $\cong$

Require the same treatment as the well-known Calla Lily. The two first named may be polted in the autumn and kept dormant until spring by withholding water. Dracunculus.-Hardy. A curious and ornamental pot plant; flowers large, purple shading to black, stem marbled. Each,12c.; 3 for 30 c .
Italicum. -Flowers greenish white, and white veined foliage. Each, 10c.; 3 for 25 c.
Sanctum.-(Black Calla:) Imported by us from the Holy Land. Guaranteed true stock. Each, 20c; 3 for 500 4 For Illustration and description see 3u page of cover.

## BULBOCODIUM VERNUM.

A very early spring flowering bulb, two weeks ahead of Crocus; flowers rosy-violet in color; desirable for edgings as they bloom close to the ground. Hardy. Can be potted for winter blooming in the house. Each, 3 c.; 4 for 10c.; doz


AMARYLLIS BELI,ADONNA MAJOR.

## $\longrightarrow$ ANEMONES.

Very beautiful flowers, the single varieties being most brilliant. They are not quite hardy; planted from October to November they will bloom in the early spring but need covering with litter during winter for protection. Can also be had in bloom in April in the house by having a few pots in a cool room. Prices include postage.

Each. Doz
The Bride, single, pure white, extra fine...... 22
Sollies, single red.............................................. 2220
Fingens, (Wind Flower.) Single, intense
scarlet, and valuable for cutting....................... 4
Fulgens, double scarlet, very free
blooming
Double Anemones, mixed, rich colors.m.. 220
Single Anemones, mixed, many shades
and varieties..
ANOMATHECA, see Scarlet Freesia.

## APIOS TUBEROSA.

It blooms most profusely, bearing lovely clusters of rich, deep purple flowers possessing a delicious violet fragrance. Is perfectly hardy, or may be potted and used to advantage in training around a window in winter. Two or three hulbs to a pot. 2 for 10 c : 5 for 30 c .; doz., 45 c .

BABIANAS. Very pretty and attractive flowers borne in spikes like Gladiolus, star-shaped and many of them sweet-scented. Our Special Mixlure contains a wide range of colors, shadings and variegations. Not hardy; best grown as a house plant, five or six bulbs in a 5 iuch pot.
Babianas, Special Mixture. Each, $3 c$; doz., 35c., postpaid.

Depth at Which Bulbs Should be Planted. Many of our customers are frequently puzzled to know the proper depth and distance apart at which bulbs should be planted. The accompanying diagram, reproduced from "Popular Gardening," conveys the information much more clearly and briefly than we could describe it. The chart will bear careful study. Out door planting should be done early in the fall to secure healthy plants, vigorous foliage




## Calochortus.

(MARIposa or Butterfly Tulips.)
A remarkably brilliant class of California bulbs with flowers in the richest combination of colors and markings, well deserving the yame Butterfly Tulip. Not suitable for outdoor planting except in the South and Pacific Coast, but for winter blooming in the house they give great pleasure. Four or siz bulbs are recommended for use in a five inch pot or box of suitable size. They are very easily grown, cared for in the same manner as Hyacinths in pots. When in bloom they are very showy and last a long time.

Albus.-A strong grower, fowers globular, pearly-white, edged with sulky hairs. This variety branches freely, bears many flowers aud is very lasting. Each, 5 C.; doz., 50 .

Amoenus.-A grand sort; rosy pink, lovely beyond description. Elach, 10c.; doz., $\$ 1.00$.

Hilacinus, - Cup-shaped flowers, lilac
 shading to purple. Each, 5c.; doz., 40 c.

Pulchellus.-Yellow flowers, sometimes called Golden Butterfly. Each, 5c.; doz., 40 c .
Mixed Calochortus.-Many beautiful sorts, 3 for $10 c$; 6 tor 15c.; dozen, 25c.

## CAMASSIA ESCULENTA.

A hardy bulb which should have a place in every garden; as robust as a Tulip, producing each spring loose racemes of 20 to 30 flowers on graceful spikes one to three feet high. Flowers star-like, blue, each measuring about two inches across. The Indians used the bulbs as food. It is also a fine pot bulb for winter-blooming. Each, 4c.; 6 for 20c.; doz., 300 .
brodiamas. (Fire Cracker Plant.)

## BRODIAEAS.

Bulbs from California having Lily-like flowers in umbels or clusters borne on slender but stout stems from one to two feet high. They are useful for winter blooming in pots, five orsixin a five inch pot, or the dry bulbs can be kept over, planted out in spring and they will bloom freely in June or July. Prices include postage.

## THE FLORAL FIRE CRACKER. B. Coccinea.

Those who admire unique and rare flowers will find them in this striking novelty. It is the most distinct of the Brodiæa family, specially adapted for a house plant. Flowers rich crimson with pea-green tip. Be sure to include this with your order. Elech, 8c.; 3 for $20 c$.

Lactea.-Creamy white, bordered with green. Each, 4 c.; 6 for 20 c.
1.axa.-Splendid large umbels containing from 40 to 60 flowers, borne on long stalks. Blue, shading to purple. A fitting companion to Milla Bifora. We strongly recommend a trial of this new sort. Each, 4 c.; 6 for $20 c$.

Yolubilis. - (Twining Hpacinth). Odd varietv with delicate, rosecolored flowers. When in bud the stem twines like a vine, often attaining a height of several feet before the flowers unfold. Ea, 10c.; 3 for 25 c.; doz., $\$ 1.00$, postpaid.

Mzyed Brodizeas.-Containing above and many other sorts in great variety of colors. 3 for 7 c .; dozen 2oc.

## BLOOMERIA AUREA.

An exceedingly pretty little flower from California. Not hardy, 4 to 5 bulbs grown in a 5 inch pot in light sandy soil form interesting house plants. Flowers golden yellow, lily.like on long stems. Each, 10 . ; 3 for 25 c.


## CROWN IMPERIALS.

An old-time garden favorite. Once planted it will grow and increase from year to year. Plant as early as possiblean? about five inches deep.
Aurora, red. Each, 15c.; 3 for 40 c .
Orange Crown, fine, orange. Each, $15 \mathrm{c} \cdot \mathrm{;} 3$ for 40 c .
Maximus, yellow, yery arge. Each, 20c.; 3 for 50 c .
Crown Imperials, mixed. Elach, I2c; 3 for 35 c ; doz., \$1.30, postpaid.
:-: CINNAMON VINE, :(Dioscorea Batatas.) Ready in November.
A lovely climber, taking its name from the peculiar fragrance of its delicate white flow. ers. The leaves are heart-shaped bright glossy green; growth is very rapid, reaching about 8 feet in height; quite hardy. Roots, each, 10c.; 3 for 25 c.; dozen. $\$ 1.00$, postpaid.

## CHIONODOXA LUCILLAE. Glory of the Srow.

We find these bulbs are becoming very popular, and deservedly so, for their lovely blue and white flowers, produced in long sprays, are seen in the garden among the earliest spring flowers-sometimes even before the snow has disappeared. The bulbs are perfectly hardy and make a fine display when pianted in masses outdoors. For window culture they are fully as charming as Freesias. They bloom very early, commonly by Christmas. Selected bulbs, 4 for 10c.; doz., 25 c .: per $100, \$ 1.25$, postpaid.

COLCHCUM. Autumn Crocus.
A very interesting bulb which sends up its lavender flowers in the fall and its foliage in the spring. Its determination to bloom is such that even if deprived of soil, water and light it will flower by the middle of September. Ejach, $5 \mathrm{c}_{0}$ : doz., 55c. postpaid.

## COOPERIA. Evening Star Flower.

Excellent for pot culture, or the bulbs can be kept dry and and planted in the garden in the spring. Should be planted in masses. The flow-



NAMED LARGE FLOWERING CROCUS.
CROCUS.
The hardiest and earliest of all spring flowers, sending up its bright little flowers before the snow has fairly disappeared. They should be planted about $21 / 2$ inches deep and covered slightly during severe weather. Planted in clusters or borders, they are quite showy and increase from year to year. They will flower easily in the house in moss, water or earth with the same treatment as Hyacinths.

Prices below include postage. If desired by express deduct at the rate of 15 cents per roo.

## NAMED LARGE FLOWERING CROCUS. <br> THESE ARE MAMMOTH FLOWERING BULBS.

Doz. 100.
Abion, fine striped, large 12 \$75 1275 1275

Non Plus Uitra, blue, white edge....
Dont Blanc, pure white..

Doz. 100.
$12 \$ 75$
$12 \quad 75$

Queen Victoria, pure white.....
La Majestueuse, violet mixed...
Cloth of Gold, yellow...


Crocus bults should be planted as soon as received. Try them on the lawn where they bloom before the grass can be cut.

MIXED CROCUS.
White. Striped and Variegated doz., 10 doz., 10 10. $10 c$.
55.

55c.
55c.

Cloth of silver, light bluestriped.... Doz. 100 Large Flowerivis crocus mixed, including Mammoth yellow 12

## $\bullet \bullet$ MAMMOTH YELLOW CROCUS. •*•

We have imported from Holland expressly for our retail trade a quantity of Mammoth Yellow Crocus. The bulbs are extra large and will come into flower very early. With the usual cultivation flowers of enormous size and in great profusion will result. A clump of these Mammoth Crocus when in bloom makes an attractive sight. Each, 3c.; doz., 25c.; 100, \$r.25, postpaid.

## - CYCLAMEN.

This well known free blooming plant is only adapted for house culture in our climate, but for winter flowering it has few superiors. Plant in Septêmber or October in a 5 inch pot, using rich, light soil, and water sparingly untilit begins vigorous growth. after which it may be treated like other house plants.
 Will give more flowers with less trouble than almost any other bulb we list.

DRF BULBS of the giant-flowered type, mixed. Each, 20c.; 3 for 55 c .; 6 for $\$ 1.00$, postpaid.

## - BLEEDING HEART.

(Dielytra Spectabilis.)
One of the hardiest and most elegant of spring flowering plants with long,
 drooping sprays of heart-shaped, pink and white flowers. Imported heavy roots, ready in October, by express, each, I5c.; doz., \$1.50. If by mail add 5c. each for postage.

## ERANTHIS HYEMALIS. (WINTER ACONITE.)

One of the earliest and most hardy of spring flowers, with golden blossoms which last a long time and form a pretty contrast to the white Snowdrops, blue Chionodoza and Scilla, Each, 2c.; doz., 20C.; 100, $\$ 1.00$, postpaid.

## ERYTHRONIUM. (DOG'S TOOTH VIOLET.)

Very hardy, popular flowers of lovely shades, also suitable for indoor culture. The bulbs should be potted or planted soon after received. Ready in November,
Grandiflorum,-Foliage mottled; bears 6 to 12 cream colored flowers. Each, 4c.; doz., 35c. White, Purple or Rose, each, 2 for $5 c$.; dozen, 30 c . Erythronium Mixed, 4 for 100 .; dozen, $20 c$.


## FRITILLARIA

## an MELEAGRIS.

Curiously shaded and spotted flowers, borne in clusters like a Crown Imperial. Quite hardy outside, or may be flowered in the bouse. Grows about I foot in height. 3 for roc.; doz., $30 c$., postpaid.

## SCARLET FREESIA.

## (Anomatheca Cruenta.)

 Admirably adapted to pot culture, does not bloom so early as the Freesias, but resembles thein in bulb, foliage and habit; the flowers bright scarlet with deep blotches. 3 for 20c.; doz., 6oc.
## gloxinias.

One of the choicest bulbs for pot culture; flowers trumpet shaped, with the most beautiful tints and markings, shaded violet, rose, blue or crimson. Plant in a light soil of leaf-mold, sand and good loam; keep in a temperature of 60 to 80 de-

## $\Longrightarrow$ FREESIAS

These are among the most popular bulbs for winter blooming in the conservatory or window garden. The bulbs seem smal in comparison with the foliage and flower spikes; the flowersare delightfully fragrant and after being cut and placed in water remain in good condition a long time. Four to six bulbs may be planted in a four inch pot. Growth commences at once so they need not be set away to form roots like Hyacinths. By planting early and at intervals a succession of bloom can be had from Christmas on.
Refracta Alba.-Pure white with small yellow blotch on lower petal, remarkably fragrant and very lasting. Each, 3 c. 5 for 10c.; 12 for 200.; 100, $\$ 1.00$, postpaid.
VAUGHAN'S MAMMOTH WHITE.-Extra large selected bulbs. Each, 6 c.; 3 for 15c.; doz., 50 c.; per 100, $\$ 3.00$.
Leichtlini Major.-Large creamy white flowers shading to yellow. Each, 5 c.; 3 for 12 c .; doz., 40 c .

## MORRIS PURE WHITE.

One of our firm while on a tour of inspection last Summer through the Seed and Bulb farms of California, had the good fortune to secure this fine novelty. It is similar to Refracta Alba, differing from it only in its larger and pure white flowers which are extremely fragrant. We secured but a limited quantity of these, and offer them at the following very low prices.

Order early. Each, 10c.; 3 for 25 c .; doz., 75 c .

## IXIAS.

These are much admired for their brilliant colors and graceful flower stalks, which resemble a miniature Gladiolus. By reason of their cutious forms and strange markings they attract attention and wherever known they become universal favorites. For pot culture the treatment is the same as recommended for other bulbs. Set 6 in a 5 inch pot. They should be well protected if set outside.

Extra Mixed, each, 3 c.; 4 for 10c.; 12 for 200 .; per $100, \$ 1.00$ postpaid. Separate colors, Scarlet, White, Rose, Yel low, any 3 for 12C.; 12 for 30c.; doz, each color, postpaid, for 700 grees, and give an occasional watering with liquid manure during the growing
 period. Give plenty of light, but do not expose to the direct rays of the sun. Fine bulbs (ready by the end of October). Each, 15c. 3 for 40 c .; dozen, $\$ 1.50$, postpaid.
GLADIOLUS for WINTER FORCING.
The varieties uamed below are invaluable for forcing in pots for winter bloom. They are of very dwarf habit and three bulbs can be grown in a six-inch pct: The spikes of bloom are good and the colors are soft and delicate. Bulbs ready in November. Cultivate same as Hyacinths.
The Bride.-(Colvilli ALba.) A light graceful variety having pure white flowers which are freely borne on long stems. It is coming more into favor as its good qualities become better known. Equally good for blooming in the open air. Each, зc.; doz., 20c.; per 100 ,

## Colvilil

 Rubra,-Red. postpaid.Don't fail to Order Early.

## $\rightarrow 0 \mathrm{OALIS} \rightarrow$

Most of these Oxalis flower from October until Christmas, and later. They are very pretty, of easy culture, requiring only a good, somewhat peaty soil, with considerable light, under which treatment they will succeed well Put 4 or 5 in a 4 -inch pot. Charming for window boxes or hanging baskets. The following prices include postage.

| 1/4 doz. doz. 100 |  |  |  |
| :---: | :---: | :---: | :---: |
| Alba, White.............................. \$ |  | \$25 | \$1 75 |
| Cernua Lu |  | 25 |  |
| New Double Yellow, a most beautiful flower. $\qquad$ |  | 50 | 350 |
| Hirta Rosea, |  | 25 | 175 |
| Versicolor, red, violet, white.we., |  | 25 | I 75 |
| Bowil, rosy red, yellowish base.. | 8 | 25 | 175 |
| Deppei (Tetraphylla, or 4 leaved) deep reddish purple violet, a strong grower, flowering well. |  | 30 | 1 85 |
| Oxalis, mixed, many varieties. |  | 20 | 150 |

Oxalis, mixed, many varieties, mon $\quad 6 \quad 20 \quad$ I 50
ozalis.



## IRIS. (FLEUR DE LIS.)

These grand old-fashioned flowers are now very popular. They are surprisingly heautiful and for cut-flowers are invaluable. An almost continuous succession of bloom may be kept in planting the following bulbous varieties:

SPANISM IRIS, - The earliest bloomer of all the Irises, and particularly recommended for culture in pots or in open ground as they are perfectly hardy. For pot culture use 5 or 6 bulbs to a 5 inch pot. Plant them abundantly in the garden. They will make a grand show. Mixed varieties iv many colors, 4 for 10c.; doz., 20 c ; per 100, \$1 00. By mail, \$I. 25 .

ENGLISH IRIS.-None the less attractive than the Spanish Iris, indeed, the colors of the large, handsome flowers are even richer; blue, lilac and purple shades prevail. The bulbs are hardy and are suitable for pot culture. Mixed varieties in many colors, 3 for roc.; doz., 25c.; per 100, \$1.50. By mail, \$1.80.

For German Iris and Japan Iris, see hardy

A rapid growing graceful climber with smooth dark green leaves and tiny bunches of fragrant flowers. Useful to train around a window in winter. Not hardy. Use 2 or 3 bulbs to a 5 inch pot. Ready in October, 3 for 15 c .; doz., $5^{\circ} \mathrm{c}$., postpaid.

## DOUBLE RANUNCULUS.

Curiously formed, tooth-shaped bulbs which produce flowers of handsome form and beautiful colors. Must be well protected to endure our Northern winters, but when in bloom they well repay the slight labor incurred. May also be grown in a cool room in the house. They are dwarf in habit and come in various shades and colors. Put 5 or 6 bulbs, clazes down, in a 5 inch pot; culture as for Hyacinth.

French.-Large double flowers; rich colors.
Persian.-Very showy; double rose-shaped fiowers.
Turban.-Hardier than the French Variety; Pæony shaped,
Any of above 3 for roc.; doz., 20c.; roo, $\$ 1.00$, postpaid.

## SPARAXIS.

Bulbs from the Cape of Good Hope having flowers of the loveliest hue and remarkable shadings; they are tigered, blotched and flushed in the most brilliant shades. Not hardy but do exceedingly well grown in the house under similar treatment to Freesia or Ixias. 4 for Ioc.; doz., 20 c .; 50 for 65 c .

SPRING SNOWFLAKE.
(LEUCOJUM VERNUM.)
A little later than the Snowdrop; very hardy little plants, growing about nine inches high and bearing pure white flowers, somewhat resembling the Snowdrop. 3 for toc.; doz., 30 c ., postpaid.
 doz., 40c., postpaid.

## Lily 0F THE Valley.

Ready for delivery in November.
So universally well-known as to require no description, For planting out-doors clumps should be ordered; for winter-blooming in the house choose pips. Put six pips in a 4 inch pot, cultivate same as Hyacinths and give plenty of light, warmth and water. By planting at intervals a succession of bloom can be maintained. The flowers last a long time and are fragrant.

Flowering Pips, 6 for 20c.; doz., 30c., postpaid. By express at buyers' expense, 100, $\$ 1.25$; by mail, $\$ 1.50$.

Large Clumps for out-door planting, each, 25 c .; doz., $\$ 2.50$, by express. If wanted by mail add roc, each for postage.

Double White.-Pips, each, Ioc. ; 3 for 25 c.; doz., $\$$.,00.

## lily of the valley.

Pink. - When grown in the open ground the flowers are rosy pink; under glass they come white. Pips, each, roc.; 3 for $25 c_{\text {. ; doz., } \$ 1.00 \text {, postpaid. }}^{\text {g }}$.

Variegated.-Green foliage beautifully margined with yellow. Fiowers

$\cdots$ SPIREA, or ASTLLBE. Reaty for dhitian
3 If to go by mait add toc. per chump.
Aurea Reticmlata.-Flowers pure white in large clusters; foliage veined with yellow, very handsome. Elach, $15 c$; 3 for 40 c .

Japonica. - It is perfectly hardy though very extensively used by florists for forcing, for which purpose the clump should be potted in the autumn, kept from frost, put away from heat until growth begins, then give water and warmth. The flowers are pure white, produced in great profusion. Strong clumps, each, 10 c .; doz., \$1.00.

Japonica Compacta Mulifiora.-An indispensable sort for furnishing cut-flowers and far in advance of the old Japonica. Of very compact growth, foliage brilliant green, flowers feathery white in great panicles. May be planted out-doors where it will bloom freely in summer. Its great value lies in adaptability for forcing. Ready in November. Strong clumps, each, 15c.; doz., \$1.50.

## ©- STERNBERGIA LUTEA. - ©

This is one of the handsomest and most striking fall blooming bulbs. It blooms in September and October, and a few days after being planted. Will also bloom in water in a very short time. Flowers a deep, striking yellow self color of great beauty. Each, 7 c .; 4 for 20 c .;

## SURPLUS BULBS AT LESS THAN WHOLESALE PRICES.

## Delivery in November and December.

When placing our orders with the growers of such bulbs as we import, it is almost an impossibility to estimate definitely the probable quantities we will dispose of, hence, before the close of the season we find our stocks of some varieties exhausted, usua!ly howerer. we hare a surplus of almost everything. To quicklv dispose of such after our busy season is over, we will make the surplus stock into generous colcharged. These assortments will not be sent out until November and after, but orders will be received now, booked, and filled in rotation.

Surplus Brib Collection A, for indoor culture, 50 ., postpaid.
Surplus Bulb Collection B, for outdoor planting, $50 c$., post paid.
Surplus Bulb Collection $C$, for outdoor and indorr planting combined. This collection contains such a liberal quantity that it is sent by freight or express at purchaser's expense. Price, $\$ 2.00$


# TRUE BERMUDA 

(LILIUM HARRISII.)

## EASTER LILY.

This mammoth white Trumpet Lily, with flowers four to five inches long, is the best of all Lilies for winter forcing and flowering, because its grand, trumpet shaped flowers, which give forth a delicious perfume, are wonderfully beautiful and expressive. As a pot plant it is tall and stately; the spike is thickly studded with bloom, which are lovely as cut flowers, and keep a long time in water. For blooming at Christmas it is best to order bulbs as soon as you receive this catalogue. We are having these bulbs grown for us in Bermuda on special contract, our importations this season amounting to nearly half a million bulbs, and we are happy to say that a better lot of bulbs we have not had than this year. Our customers will readily see the advantage we have over others who do not buy as largely as we do; the immense quantity we handle enable us to pick out the very finest bulbs for our retail trade and to offer them at the lowest price.

PRICES; First Sized Bulbs, which should produce from five to eight lowers. Each, 10 c .; 3 for 25 c .; doz, $\$ 1.00$, postpaid. By express, doz.0 goc, ; 100, $\$ 5.00$.

Extra Sized Bulbs, which should produce from eight to fifteen flowers. Each, $15 c_{\text {. }} 3$ for $40 \mathrm{c}_{\text {. }}$; doz., $\$ 1.50$, postpaid. By express, doz. $\$ \mathrm{r} .25 ; 25$ for $\$ 2.25$.

Mammoth Bulbs, which should produce up to twenty flowers on a stalk. Each, 35 c .; 3 for $\$ 1.00$ : doz., $\$ 3.50$, postpaid. By express, each, 30 c .; doz., $\$ 3.00$.

## LILIUM CANDIDUM.

*The old-fashioned pure white Garden Lily, also known as Easter Lily and Aununciation Lily. One of the hardiest. Flowers snow-white, with heavy yellow stamens and sweetest fragrance. Bears from five to twenty blossoms. This variety must be planted in the early autumn to succeed well, as it makes its leaf growth at once after planting, and prepares itself for early blooming. The prices are lower than for many years, and bulbs very fine. Customers will do well to plant a bed of twentydoz more for a permanent doz., $\$ 1.25$, postpaid. By express, 25 for $\$ 1.25 ; 50$ for $\$ 2.25 ; 100$ for $\$ 4.25$.

Mammoth Bulbe, extra heavy. Each, 20 c .; 3 for $50 c$., postpaid. By express, each, 15c.; 3 for 40 c .; doz., $\$ 1.00$; per $100 . \$ 6.00$.

## Cum LILIUM LONGIFLORUM. ,

A variety bearing in clusters beautiful snow-white trumpet-shaped flowers of rare fragrance; almost exactly like Lilium Harrisii in shape, but blooms later, extending the season of that beautiful kind. Each, 15 C ; 3 for 40 c .; dozen, $\$ 1.50$, postpaid. Mammoth Bulbs, each, 35 C ., postpaid.

SPECIAL OFFER: One each extra size bulb, Hartisii and Mammoth Candidum for $40 c$.; 3 each for $\$ \mathrm{I}$. m, , postpaid.

## SELECTION OF HARDY LILIES.

*AURATUM.-(The Gold-Banded Lily of Japan.) Immense white flowers, each petal marked with a wide gold band and spotted with maroon, very free blooming. It is considered by many the finest of them all. Fine Bulbs, 7 to 9 inches, each, $15 \mathrm{c}_{8}$; doz., $\$ 1.50$; extra large Bulbs, each, 25c.; doz., $\$ 2,50$.

Batemammi.-Flowers rich apricot color. Each, 20c.; 3 for 50c.; doz., \$2.00.
*Canadense.-This pretty Lily is one of our hardy native sorts, and bears a graceful stem of drooping, bell-shaped yellow and red flowers. roc.; doz., \$r.00.

Columblanum.-A variety from the Columbia River; flowers bright reddish orange, densely spotted with purple dots. A miniature form of $L$. Humboldti. Elach, 15c.; doz., \$1.50.
*Martagon.-(TURK's Car.) Drooping Lilies with deeply re-curved petals, spotted purple; mized. Each, 15 c .

Pardalinmm. - A rich yellow and scarlet flower, spotted with purple. One of the Canadenseclass. Each, 15c.; doz., $\$ 1.50$, if by mail add 2c. per bulb.

Parryi.-A pretty California Lily; light yellow, spotted with purplish chocolate; very fragrant. Each, $40 c$.
*Tulchellum.-Blooms with Tenuifolium; flowers borne upright, bright crimson, spotted black spreading their petals nearly at right angles. Hardy as the Tiger Lily, very showy. Each, 30 C .
*Superbum.-The finest of the native Lilies. Flowers bright orange red, thickiy spotted with purple. Remarkable for immense height (often 8 feet), and profusion of bloom; a strong plant, bearing 20 to 32 flowers. Each, 100 .; doz., $\$ 1.00$ -
*Temuifolium.-(Siberian Lily). A native of Siberia. One of the very hardiest Lilies; flowers vivid scarlet, with petals reflexed; very showy and freeflowering, blooming early in the spring. It is very easy of cultivation, requiring only a well drained. sandy soil. Each, 25 C .; dozen, $\$ 2.50$.
*Tigrinum.-(SINGLE TIGER IILY.) - Very hardy native Lily; orange-red, spotted with purple black. Is very pretty and bears eight to twenty flowers when well established. Elach, roc.; doz., \$1.00. *Tigrinum Flore Piemo.-(Double Tiger Lily) Each, 12c.; doz., \$1.25.

SPECIOSM SORTS. (Hardy Japan Lilies.)
As a whole, the most desirable section of all Lilies for general cultivation. The varieties are distinct, graceful, beautiful and free-blooming. They are hardy, needing little protection, will grow and flower without special treatment. *A1bum.-Pure white and very fragrant. Each, 25c.; doz., $\$ 2.50$, by mail add 2 cents each for postage.
*Rubrum. - White ground, with band and spots of rose or crimson on each petal. One of the best Lilies. Each, 15c.; doz., $\$ 1.50$, by mail add 2c. for postage. Extra Large Buibs, each, 25c.; 3 for 60c.; doz., \$2.50, by mail add 3c. each for postage.

Lily Bulbs are veady about Oct. 55, with exception of Harvisii, Candddum and Longiflorum which are ready now.


Its size is $17 \times 24$ ins, and shows a beantiful collection of richly colored fruits. Price 25 cents. If you will enclose 10 cents to pay postage and packing, will send post-paid, FREE.

## Scilla Siberica.

The Siberian Scilla, Squill has flowers of a lovely ultramarine blue color, borne in graceful spikes; in the house it blooms eariy like the Roman Hyacinths and forms a beautiful contrast with them. In the open ground they are quite hardy and are specially fine planted in small beds or with Snowdrops, and like them frequently blooming before the snow has gone. Each, 2 c .; 6 for $10 c$; doz., 15 c .; 100, $\$ \mathrm{r} .00$, postpaid.

> SCILLAS, OR WOOD HYACINTHS.

The fine Spanish varieties (S. CAMPANuLata) of the Wood Hyacinth which we offer, have erect flower spikes one to two feet high. They are very effective in flower and shrubberyborders, They also make charming pot plants, and may be forced into bloom by March. The white varieties are greatly in demand to cut for table bouquets and vases, Prices include postage.

Lovely Blue, Pearly white, Soft Rose. Eiach, 3 c.; 4 for 1oc.; dozen, 25 c.

## SCILLA CLUSII, OR CUBAN LILY.

This is a large bulb which produces an enormous head of dark blue. star-shaped flowers, sometimes


GIANT SNOWDROPS.-Three times as large as the single Snowdrops; flowers slightly fragrual,
borne on large stems and valuable for cut flowers. They do well in the house, blooming freely at the Christmas holidavs, 4 for 10c.; dozen, 25c.; 100, $\$ 1.75$


## EXCELSIOR PEARL.

Planted in pots and given a warm place in the house from October to January these bulbs will bloom during the winter. The flowers grow on stems is inches high, each stem bearing a dozen or more flowers. They are pure white wax-like, double and very fragrant. The growing plant is fond of light and heat and should be given the sunniest place possible. The Pearl variety being dwarf is best suited for pot culture. Each, $5 \mathrm{C}_{.} ; 4$ for 15c.; doz., 40 C ., postpaid.

## TRITELEIA.

A gem for either pot culture or out doors being quite hardy. The bulbs are very small, each producing sev* eral pure white flowers which are lined with blue and slightly fragrant. They are sure to delight you, are of easy culture and sure to thrive. One of the best additions of many years. 4 for 10 c. ; doz.; 20 C .

triteleia.

## TROPAEOLEUM TRICOLOR.

This is a tuberous rooted winter blooming Nasturtium for pot culture, which is one of the most charming window vines one can possess during winter. Pot bulbs in good soil and treat them like other winter bulbs. They are somewhat slow to start, but will after a while throw up little needle-like shoots, which should be supported on strings or trellises. After a short time they will develop beautiful tiny foliage, which will soon be followed by hundreds of brilliant flowers, scarlet, tipped with black and yel'ow-which keep perfect a long time. Each, 15c.; by mail, postpaid.

## CRESCENT CHINESE LILY BOWL.

We have frequently had call for a Chinese Lily Bowl other than the glass which is described on page 7 , and are pleased to offer the above which we are sure will give satisfaction. It is a very handsome affair being made of earthenware highly glazed. A bulb planted in one of these bowls makes a beautiful sight when growing. Each, 35c. ; 3 for \$1.00.

Don't fail to include in your order at least a few Buttercup Oxalis, you will be highly a few Buttercup O
pleased with them.


SHEEP MANURE. This is very extensively orists to enrich the soil, especially, for Chrysanthemums and Roses. It is also very useful for bulbs. About one-fourth Sheep Manure well mixed with the soil will produce excellent results, the bulbs will grow more vigorous, the foliage will be dark rich green and the flowers larger. We recommend this as a splendid fertilizer and the price is very low. Per package of $21 / 2 \mathrm{lbs}$., 15 c .; 5 lbs ., 25 c

To have a good lawn next year sow this fall our Chicago Parks Lawn Grass Seed Mixture. See last page.


## Feall Edition of Veaughan's Gardening Illustrealed. Chicag an ad New York ${ }^{15}$



It may occasionally happen when bulbs and plants are named on same order that bulbs will be sent inmediately and plants a day or two later, direct from our greenhouses at Western Springs, II1., fifteen miles from Chicago, therefore please do not become impatient if such be the case.

(0)UR shipments of plants (as well as bulbs) for winter blooming and the adornment of home or conservatory have grown to enormous proportions; to supply this, we make special propagations during the spring and summer, growing the plants in best possible shape for our mail trade. The plants we offer are such as may be grown in any ordinary parlor, sitting-room or greenhouse where the night temperature will average 55 degrees. In the dreary winter days nothing so much adds to the charm of a window garden as a collection of plants, their handsome and elegant foliage makes a grand display even when the plants are occasionally out of bloom.

All plants here quoted will be supplied direct from our GREENHOUSES at Western Springs, I11. Unless otherwise stated, all plants are forwarded by mail, postpaid. Stock which is unmailable, and plants ordered by express, go at buyer's expense. Express rates on plants are reduced 20 per cent.


## BEGONIAS

## FOR WINTER BLOOMING

Because of their easy culture, handsome foliage and lovely flowers, Begonias are very popular. We grow many varieties, but only a few are winter bloomers. The four grand Begonias named below include the best sorts, and if you have no other window plants the coming winter than these, you still have a collection to be proud of. Do not over water, but occasionally spray the under side of the leaves, and keep the dust from the surface.

Speculata.-Leaves are in the form of a rape leaf. Color, dark yreen; with background of chocolate; veins of a light pea green, the whole leaf spotted with silver. In bloom it is magnificent; the panicles composed of great numbers of individual pink blooms, are lifted spray like, clear of the toliage. 20 c each.

Rubra.-Always in bloom, one of the best of all Begonias for house culture. In time the plant makes a grand tall specimen, with large, light green, waxen leaves, and immense panicles of lovely coral-red blooms. Extra fine, 20 c each.

Olbia.-A grand variety, The leaves are from seven to ten inches in diameter, and are separated into deep, sharp points. The color is varying shades of brown and red, the young leaves being very bright; it has large flowers of lemon white; one o the richest colored foliage varieties. 2oc each.

Saunciersonil.-Of this variety the flowers are a scarlet shade of crimson, borne in profusion during the entire year, one of the best. Also called a Wax Begonia. 15 c each.

Special offer, one each of above, $50 c$, postpaid.

## Abutilon, Souv. De Bonn

One of the most valuable novelties of recent years, and totally distinct. It is a very strong grower; the leaves a beautiful. green, stems 8 to 9 inches long, the bloom very large and bright orange in color. Making a grand house plant for the winter. Each, 25 .

## New Coleus. Mps. F. Sander

Beautiful and distinct, dwarf bushy habit. It has a wedge of creamy white in the center of the leaf with a clearly defined margin of oxide, green, bronze, crimson and purple. It makes a beautiful bedding plant and a very decorative house plant in winter. Each, $15 \mathrm{C}, 3$ for 40 c .

## Giant Cyclamen

Flowers extra large size on short, stout stems, fotiage handsome. No better plant for pot culture. the whole secret of growing them being air, light and low temperature. Strong growing plants, soon coming into bloom. Yach, 40c, post paid.

## Carnations

Admirable for winter flowers in the house. The flowers are fragrant and continue for a long time. The collection named below embraces six most meritorious varieties and a full range of colors. Helen Kellar, variegated Sweet Briar, delicate p'k Lizzie McGowan, white T. Cartledge, carm. pink Lizzie Emma, scarlet

Each, 15 c .
Special offer, one each of above 6 for 75 c , post paid.



## Indian Azaleas

Very popular shrub, chiefly grown for decorative purposes and tor cut-flowers. The colors range from pure white to deepest crimson and are pro duced in great abundance. Imported plants ready in November, each, 75 c and $\$ \mathrm{I}$. Must be sent by express, too large to mail. Prices for specimen plants will be given un application.

## Umbrella Plant <br> Cyperus Alternifolius)

An odd plant which will flourish in either soil or water. It throws up long stems which are crowned with narrow, dark green leaves arranged in such a manner as to suggest the name of Umbrella Plant. Next to palms this deservedly takes rank among the most beautiful and useful foliage plants for house culture. It is one of the very best window plants. Elach, I5C

## Clivia Minata

An Amaryllis-like plant of easiest culture, thrives in the sitting-room. The flowers are in large clusters, light red shaded with orange. Strong blooming plants, each 25 c , postpaid 30 c .

## Night Scented Jasmine

Cestum Parqui
A shrubby plant producing beautiful white flowers in clusters in the greatest profusion. Its fragrance is very powerful at night. A splendid window plant, thriving in good soil. Each 25 c .


CHRYSANTHEMUM.

## Chrysanthemums.

## VAUGHAN'S INDIAN SUMIIER COLLECTION.

During late fall and early winter few plants can equal, certainly none can surpass the Chrysanthemum. The varieties selected are the very best and chosen from the large assortment which we cultivate for the Annual Autumn Flower Shows. The beautiful and extensive exhibitions we have made and the prentiums we have won are known to most of our customers. We offer below a fine collection of large plants from 4-inch pots.

Erigene Dailledouze.-Bright golden yellow, large incurved.
Lady Playfair.-A beautiful pearly pink, deepening in the center. Flowers large, with high center.

The Queen.-The finest white, extra large, broad and deep petals
Joamna.-Old gold, reverse of petals; deep crimson, flowers large and incurved. Our own introduction.

Ivory.-Pure white, of dwarf habit, making an elegant pot plant.
Clinton Chalfant.-A magnificent golden yellow. New.
The Bard.-Rich crimson, extremely double, making a grand show plant.
President Wm. R. Smith.-Pure self pink; flowers round and deep.
Pitcher and Manda.-Center petals canary yellow; outer five or six rows pure white.

Mrs. Jerome Jones,-Pure white, incurved high rounded flowers.
The above are large bushy plants in 4 -inch pots and will be in bloom by November 1 st.
Each 300 . or the 10 grand sorts as above for $\$ 2.50,5$ for $\$ 1.25$ by Express only. Too large to mail.
EXHIBITIJN PIANTS We have in stock, coming on for November flower shows Specimen Plants ready from Oct 25 , to Nov.


## CANNA, FLORENCE VHUCHRN,

World's Fair Medal awarded. This magnificent yellow is next to the variety Madam Crozy, the most famous of all Cannas. M. Crozy, the celebrated Frenchman who stands at the head of all Canna growers considers this the highest type of Canna. The flower is very large, the petals remarkably wide, rounded on the ends and of good substance. Besides these highest qualities it is the only approach to a yellow of such size yet attained and though thickly dotted with brightest red, its general effect in the flower beds is a rich orange yellow, the foliage green, splendid broad leaves, height 5 feet. Those who have not yet a collection of these grand plants should begin with this variety, adding as can be afforded some of the other leading kinds as below, all of which are now remarkably low in price. This is a constant bloomer and those who establish some good plants in pots for flowering during the winter, will also find a large increase of young shoots for summer bedding. Price each, 25c. 3 for $60 c$, prepaid.

## OTHER BEST CANNAS.

Egandale.-Currant red flower, dark foliage, 20c, 3 for $50 c$. Madam Crozy.-Splendid scarlet, gold edges, 15 c, 3 for 40 J.D.Cabos.-Rich orange, very distinct, 15 c. 3 for 40 c .

Geo. W.Childs.-Dwarf, with gladiolus like spike, scarlet flower with gold margin. Each isc. 3 for 50 c .

## CANNA OFFER!

One each. five grand kinds, each distinct and different, carefully packed and prepaid to your post-office for only 75c.

## GREVILLEA ROBUSTA.

(Silk Oak).-A very beautiful shrubby plant with fern-like foliage and rich golden yellow trusses of fowers. Grows rapidly from seed, soon forming fine plants. Each, 20c. Seed per pkt., 15c.

## HYDRANGEA.

[^1]
## SWORD FERN.

Easiest of cultivation of all the ferns. It is a splendid basket plant and when grown in a pot makes a grand decorative plant, the fronds growing to four feet in length, arching and drooping most gracefully. Each 2oc. 3 for 5 cc .

## CHINESE PRIMROSE.

Brightest and best of all the easily grown free flowering window plants. The single varieties bloom more freely than the double, and small plants produce a wealth of flowers. Should be grown in a cool place, a north window is most suitable. Our plants are of the largest flowered class and can be supplied in separate colors, as, red, pink, white etc. Each Igc. I of each colcr for 40 c .

Primula Obconica.-Small lavender colored flowers in large clusters. Plants are always in bloom and at all times attractive. Each 15 C .2 for 25 C .

## WINTER BLOOMING NASTURTIUM.

> Cardinal Prince-The young plants bloom very quickly and continue to do so for a long time. They produce the largest Nasturtium flower we have ever seen. Color, orange and scarlet, in the most vividshades. Tohave this favorite flower in winter is something worth trying and this one delights everybody with the size and beauty of its flowers.

> Each, I5C.

## MUSK, New Double Flowered.

> A real beauty for pots and baskets. The small double sulphur-colored flowers are produced from every joint, and the pronounced musk-like odor from the leaves and flowers is very powerful, a single plant scenting a large room It is easily grown and so popular that the demand has always ex- ceeded the supply. Each 20 c .3 for 50 C .

## LINUM TRIGYNUM.

A Beautiful shrubby plant of the easiest culture and a most persistent bloomer at a time when there are few if any other plants in bloom in the window. It comes into flower late in the fall and until well into the win. ter the plant is a complete mass of golden yellow flowers, each measuring two inches or over in diameter. Small plants give a surprising amount of flowers. Each 25 C.


- Pr Mr


## and OTHER DECORATIVE PLANTS.

$T$HE great demand for these very beautiful plants for room and window culture, as well as for decorative work has induced us to devote a large amount of our greenhouse space especially to them. In this list we offer only such as may be grown with ordinary care, not more than that usually given to a Geranium-beyond sponging the leaves once a week. Water thoroughly; less water is required in Winter than Spring and Summer. For immediate effect use the largerf) sizes. They are in season for shipping the year around.

ARAUCARIA EXCELSA.(Norfolk ISLAND Pine.) The most elegant of all Evergreens and one of the most scarce decorative plauts. It is of easiest culture, grows rapidly in fine symmetrical form with deep green, feathery foliage arranged in whorls rising one above the other at regular distances. Each, $\$ 2.50, \$ 3.50$ and $\$ 5.00$, according to size.

LEENTIA BELMOREANA.-All the Kentias are free from disease. Beautifully curved and reflexed leaves, deep green foliage strong grower. Plants from 3 inch pots, 12 inches high, each, 75 c .; 5 inch pots, 2 feet high, each, $\$ 2.00$.

KENTEA FOSTERIANA.-Similar to preceding, but taller,
 and more robust. Plants in'5 inch pots, 2 feet high, each, $\$ 2.00$.

LIVISTONIA ROTUNDYFOKIA.A new and beautiful fan-shaped Palm of dwarf habit, The best plant for a jardiniere. Clean, healthy, neat foliage. Plants, 12 inches high, each, $\$ 1.50$; larger Plants, each, \$5.00.

LATANEA BORBONICA,-Of easy culture and rapid growth. Large, broad, far-shaped, glossy, dark green leaves. 4 inch pots, 12 to 18 inches high, ea., 50 c .; larger plants, $\$ 1.00, \$ 2.00, \$ 3.00$ and $\$ 5$.

PANDANUS UTIIIIS (Screw PALM.)A most valuable decorative plant from the Elast Indies, also one of our most useful ornamental plants, both for in and out-door culture. Each, 25c.; larger plants, 24 inches high, each, $\$ 2,00$.

## LARGE SPECIMEN PALMS.

We have a splendid stock of extra choice, wellgrown Palms, including above and others, for specimens and decorative purposes. Prices from $\$ 5.00$ to $\$ 50.00$ each. Write for sizes and prices.

PARIS DAISY, Queen of the Belgians.
A most beautiful plant. Nothing can be more showy either as a pot plant or bedded out. This plant has been appropriately named "The Shower of Gold" as it is loaded with golden-yellow flowers. 15c.

Paris Daisy. (Marguerite.)-Favorite for bouquets; covered with white blooms in the garden all


COCOS WEDDELIANA (COCOANOT PALM)
 -It makes an elegant house plant, with its slender, erect stem freely furnished with graceful, arching leaves of a rich green color. The dinner table on which this plant was used at the Chicago Flower Show, received first prize. 3 inch pots, 15 to 18 inches high, each, 75 C .

CYCAS REEVOLUTA (SAGO PAZM).-This is probably the most decorative plant grown, for lawn and house adornment. Small plants, ileaf, $50 \mathrm{c} . ; 2$ leaves, 75 c ., 3 leaves, $\$ 1.25$; 12 leaves, $\$ 7.50$.

## FICUS ELASTICA.

(Imdia Rubber Tree.)
The large, shining, green leaves endure the dry air of a living room as well or better than any other plant, hence their universal popularity. Plants I foot high, each, $50 c$.; 2 feet, each, $\$ 1.25 ; 3$ feet, $\$ 2.00$.

## Otaheite, The Dwarf Orange Tree.

 This variety is of Japanese origin. It is the best for house culture as many know. They are easily managed, in fact require about the same treatment as an Oleander. The Otaheite, however, takes years to attain an unwieldly size, is therefore particularly suited for pot culture and conservatory decoration. A more attractive and interesting plant ornament for window or conservatory cannot be found as all stages of plant life, growth, delicious scented flower, fruit just forming and ripe golden balls, all may be seen during the spring months on the Otaheite. Elach, 25c.SANSEWERIA Zeylanica.-One of the few plants that
otaheite ORANGE. flourishes in the living room. A handsome window plant and very showy. Each, 20c.; 3 for $50 c$.

## VAUGHAN'S WINDOW GARDEN.

## Our Own Special Selection of the Best Seven.

Solanum Jasminoides Grandiflorum.Most beautiful climbing and trailing plant. It has starshaped flowers, something like a Clematis, borne in large
clusters. In color they are pure white with a violet tinge clusters. In color they are pure white witha of petals and on the buds; a free bloomer. 20 c .

Rose, Clothilde Soupert.-The most popular ever-blooming rose of to-day. I5c.

Ivy Geranium, Chas. Turner.-For general purposes and as a house plant there is not one in all the purposes and as a house plant thempare with it. 15c.

Cissus Discolor(Trailing Begonia).-A climber with very beautiful foliage, deep velvety green, mottled with white on the upper surface, underside of a deep red-
dish purple. For trailing over the side of a window box dish purple. For trailing over the side of a window box,
it is one of the most odd and attractive plants. 15 c .
it is one of the most odd and attractive plants. 15 c .
The Mexican Primrose. As a window plant this combines a great hardiness and ease of culture with showing from to to 30 large saucer-shaped blossoms. roc.

Pteris Tremula (Sharing Fern.)-The foliage is large and very graceful. The slightest movement of the air shakes the leaves of this plant. It grows readily and
very fast, making new fronds quickly after being cut. 20 c .

Geranium, Mrs, Pollock (Golden Tricoiot.) - Scarlet bronze, golden edge. One of the handsomest of its kind. 20c.
F01 75 C . We will send the complete "Window Garvarieties, labeled and carefully packed, postpaid; or you can make your own selection (from the collection only) at prices attached. Order early and secure larger plants.

## FOR FALL AND WINTER PLANTING.

 yearold Roses in the Fall, mulching or covering each plant just before that are not surpassed by old and established plants. The "Why" of this is easily explained. Any broken or bruised roots have time to callous and heal over, and if toward spring an examination be made, it will be seen that the old roots have thrown out many thread-like roots before a leaf has started. As can be imagined a Rose Plant in this condition is well prepared for the more or less exhaustive process of re-establishing itself as well as making flowers and subsequent growth. In the South and on the Pacific coast late Fall and winter planting is especially desirable.

## $\bullet \cdots$ CLOTHILDE SOUPERT. «••

If there is any ever-blooming rose especially adapted for the window garden and winter blooming it is this dainty flower from the garden of Luxemburg, originally brought from there and introduced by us. It has all the wonderful freedom of bloom peculiar to the older varieties of the Polyantha class, its branches being perfect masses of flowers throughout the greater part of summer. In color it is soft fiesh deepening to pink in the center, quite double and a good grower; a much better rose for the amateur than any of the Teas, Bourbons, or Noisettes, because of its greater vigor, freedom of bloom and constancy of habit, Price each, young plants, I5c.; 3 for 4 年.; extra size each, 30 C ., postpaid.

## THE D. \& C. COMPANY'S NOVELTY "PINK SOUPERT."

We have about 5,000 plants of this bright, new rose, and find it a very free flowering variety, much resembling Hermosa, but more double and flowering more freely; it shows the Polyantha blood in the full cluster of bloom, and will make a handsome contrast, bedded or grown with the C . Soupert. The flowers are not quite so large, full and handsome as our original Soupert, but fill a place because of their

## CHAMPION OF THE WORLD.

A remarkable new sort which combines many desirable qualities. It has stood the severe winters of Vermont in the open ground without the slightest protection. It is a perpetual bloomer, summer and winter. The flowers which are produced in the greatest profusion, are perfectly double and of perfect shape. They are of a deep rosy pink, and delightfully fragrant.

An eastern plantsman who distributes large quantities of this Rose every year, claims it to be a Champion in many ways: "Champion bloomer, flowering early and continuously, excelling even the Tea varieties in this respect, and he says it is never without flowers, Champion in havdiness, standing the severe winters of our northern states without the slightest protection, and hence very valuable as a hardy Rose. Champion in vigor, being absolutely mildew-proof under all conditions. Champion in form and color, being perfectly double, with handsome bud, and in color, deep rosy pink, and lastly, Champion in fragrance, because its powerful rose perfume is maintained during the whole year." It is certainly a good combination for the Soupert, a bed made up of the two varieties giving a splendid display and continuing to bloom throughout the season. Each, isc.

The sot of the above three postpaid for 50 conts.

## ROSES BY MAIL-PREPAID.

In this catalogue space is too limited to list the varieties we offer, but our friends may rely on our experience and judgment that only the kinds most suitable for fall and winter blooming will be sent. In ordering customers are advised to name varieties they already have so that we may send those of different kinds. Not less than one dozen of a kind can be sent at these prices.
 Mybrid Perpetual Roses, assorted choice sorts........................... I 25 Mybrid Tea, assorted................................................................................... I 00 Ever-Blooming Climbers. ............................................................... I 0

## LARGE ROSE PLANTS BY EXPRESS

All field grown plants, averaging 18 to 20 inches or more in height, by express or freight only, purchasers paying charges.

## HYBRID PERPETUAL ROSES.

Most popular and hardy of all Roses. 12 splendid varieties, assorted colors, doz., \$2.50. 25 splendid varieties assorted colors for $\$ 4.00$. Ever-Blooming Rugosa Roses.These are Japanese roses, white and red in color with beautifully netted foliage, very lovely. They flower in clusters with large handsome coral red seed pods. Each, 35 cents.

HARDY CLIMBING ROSES.
Prairie Queen, Baltimore Belle, Seven Sisters, all well-known. Large plants, each, 30 C ; the 3 varieties for 75 c .

## HARDY MOSS AND JUNE ROSES.

Moss.-Many sorts, red, blush, pink and white. Large plants each, 30 c . ; doz., \$3.

Madam Plantier.-Bestand most reliable hardy white rose. Each, 30c.; doz.. $\$ 3$.

## GERANIUMS FOR WINTER BLOOMING.

succeed well during winter and are of still more value when winter is past for summer bedding.

Electric.-Single. Very large, brilliant scarlet with white eye. Each, Ioc. M. Gilbert. - The fiuest salmon-flowered Geranium up to date Each, 15 c . Mrs. Parker.-The foliage is deep green with broad margins of pure suow white. It is the most free flowering of any silver-leaved class, proSuow. White. It is the most free flowering of a ny silver-leaved cla
"WINTER GERANIUM SET"" one each of the

Mrs. Pollock.-Golden Tricolor). Bronze scarlet zone, fine. Each, 20c. P. Crozy, Soft bright scarlet, with veinings of crimson. Each, icc. souvenir de Mirand.-Upper petals pure white, with salmon-rose border, lower petals streaked with white. Each, Ioc.
White Swan.- Pure snow-white. Each, soc.

## HARDY PLANTS, SHRUBS AND CLIMBERS.

## MONEY spent for Hardy Shrubs and Plants is well invested. Once established, this stock requires no further care, save occasional pruning, trimming or dividing. All are hardy enough to stand our winters and thrive better for being undisturbed. Experience has proved that Fall is the best time to transplant. There need be no fear of their survival. We offer a few of the best. A more complete list may be found in our Spring Catalogue.

Blackberry Lily. - (Pardantrus Sinensis.) Curious, orange-colored fowers which last for several weeks. They are followed by seed pods which look like large, ripe blackberries. Blooms in August and September. Each, 15C.

EIIBICUS, Crimson Eye.-This is a distinct strain from Hibiscus moscheutos, with flowers of immense size (eight inches in diameter) pure white, with a large spot of deep velvety crimson in the center. A well developed plant will produce several hundred of these flowers in a season. It is perfectly hardy
and will succeed anywhere. Grows from 4 to 8 feet high. Each, 25c,; 3 for 60 .

## $\approx$ HYDRANGEA PANICULATA GRANDIFLORA. $\approx$

The grandest of all hardy shrubs for lawn decoration. This is an exceedingly popular plant and has been sold in immense quantities. It blooms in July and August, yielding great, cone-shaped, pure white flowers, changing as the season advances to pink. Grows several feet with its drooping flowers is a most graceful and elegant shrub. Lasts a long time in bloom, An annual shortening of the brauches thewers. Each, 15c.; 3 for 40 c, postpaid. Extra large plants by express, each, 50 c .

SNOXBAI. great branches or double white fowers is a great sight. On this variety the bails WEICELIA.-Very desirable for the border or as a specimen plant on the lawn. Blooms in July and August. Flowers so abundantly produced as to almust hide the foliage. Each, 20c., postpaid.

## GERMAN IRIS. (xris Germanica.)

With the possible exception of Orchids nothing can equal the beautiful flowers of these hardy fragrant Iris. Every shade will be found among them, and they will thrive in any soil without any care, grow and bloom luxuriantly, increasing very rapidly. They bloom during May and June. We have a fine assortment; our friends who order mixed varieties will be surprised at the wide range in colors we supply. Extra strong roots, ready in November.

Flavesceng.-Light primrose yellow, large, fine flowers. 20 c .
Florentine.-White, sweet-scented, great bloomer. $20 c$.
Mad. Cherean.-White, edged and feathered violet. ${ }^{20 c}$.
MIXED German Iris, coutaining many very beautiful varieties. Strong roots, each, 15 c .; 3 for 40 c . ; doz., $\$ \mathrm{r} .00$, post paid.

JAPAN IRIS。 (IRIS Kempferi.)
The flowers of these Japan Iris grow to an enormous size. The variety of colors is very great, ranging from the purest snow white to pale lilac and lavender, from the softest pink to the richest crimson. Ready in November.

Double Mixed Varieties, each, $20 \mathrm{c}_{\text {. }} \mathbf{3}$ for $50 \mathrm{c}_{0}$, postpaid.
For Spanish and English Iris which bloom in winter, see Bulb department.

## HARDY CLIMBERS.

AKEREA Quinata,-Rapid growing vine from Japan, with magnif icent foliage, producing flowers in large clusters of chocolate purple color, possessing a most delicious prefume Unsurpassed for covering trellises and verandas, the foliage never being attacked by insects. Each, 30c.

AMPELOPSIS Veitchi,-BOSTON IVY). It clings firmly to the smoothest surface, covering walls, etc., smoothly with overlapping leaves, which form a perfect mass of foliage. The color is a fresh, deep green in summer, changing to the brightest shade of crimson and yellow in autumn. Each, 25 C . and 40 c . postpaid, according to size.

Clematis.-Large flowered. Most showy and popular of all climbing plants. Strong plants, each, 75 c ., and $\$ \mathrm{r} .00$, according to size.

CLEMATIS, Coccinea, Crispa and Flammula. Each, 25c, postpaid.

## HERBACEOUS PAEONIES.

Ready in October. Prices include postage. If sent by express or delivered at our slores larger plants are supplied at the same prices.

Lady Leonora Bramwell.-A very fragrant variety imported by us from England, where it received first-class certificate of the Horticultural Society. The color is a rose pink with silvery brightness. Each, 50 c .

Chimensis, Red or Pink,-Perfectly hardy; flowers immense. Each, 25c.; 3 for 65c.

Double White.-Always scarce. E,
Queen of Whites.-Fine silky white. Each, 75 c .
Officinalis.-The earliest of all, double dark glossy crimson, sweet scented, a grand flower. Each, 40 . $; 3$ for $\$ 1.00$.

Tenuifolia F1. P1.-A new distinct Pænia, fern-like foliage, and handsome full crimson flowers. Each, 50 .

## A SELECT LIST OF CHOICE FRUITS.

WHILE flowers admittedly add to the beauty and charm of a home, it is none the less true that a village lot or a country place on which fruit trees and plants have been well planted and cultivated, will always sell for a larger sum than an unimproved property. Good fruit is one of the greatest luxuries a family can enjoy. Fall is usually a more convenient period toset out such stock. The ground is in much better order to receive it, the plants take immediate We offer in this condensed list only the best of each class. For a very complete list see our Spring Catalogue. With the exception of Potted Strawberry Plants most of this stock is not ready for shipment until October. Get your order in early and we will ship as soon as we can dig plants.

## POT GROWN STRAWBERRY PLANTS.

These pot grown plants arewell established with a mass of roots as shown in our illustration. For shipping they are turned out of the pots, retaining the ball of
earth around their roots; and wrapped in paper (unless earth around their roots; and wrapped in paper (unless soil washed away from the roots). We recommend shipping by express. These pot grown plants will produce a moderate crop the first season if ordered at once and planted before September 25 th.

## NEWEST STRAWBERRIES.

Add for postage roc. per doz., 50 c . per 100.
Timbrell. - (P.) Berries of largest size, delightful flavor, solid and meaty: bornein immense clusters. Dark ctimson. Late. Considered by many the "Queen of Strawberries." Per doz. (pot grown), \$r. 25 .

Greenville.-( $\mathbf{P}_{\mathbf{0}}$ ) Large, fine texture, flavor and aroma very sweet. Medium to late. Per doz. (pot grown), \$1.00.

Shuckless. -In picking, the hulls remain on the plant, leaving the berries ready for immediate use. Bright crimson: late. Per doz. (pot grown), $\$ 1.00$.

Smith's Seedling - Beriies large, firm, round. Color, dark crimson, the most perfect blossommed variety we know of. Late, Per doz. (pot grown), \$r.00.

DEWBERRY, Lucretia.-Berries very large, often two inches in length, borne in great clusters; soft, sweet and luscious. A fruit for everybody and one that all should have. Ripens before the Blackberry and is very productive. Per doz., 50 c .; 100, $\$ 2.50$, postpaid.

## GOOSEBERRIES.

Should be sent by express. If wanted by mail add $3 c$. each to price of $I$ year old plants, and 5 c . each to that of 2 year old plants.

Keepsake.-A grand new Eug'ish variety. Fruit straw colored, of great size and finest quality. 2 year old plants, each, 35 c.; 6 for $\$ 1.75$.

Houghton.-Well-known. Medium size, pale red fruit, very productive. 2 year old plants, each, 15 c .; doz., $\$ 1.20$.

Industry.-The fruit is of largest size, pale red and very sweet. The plants are far stronger than the old English sorts. A well tried sort that does not mildew. I year plants, each, 20c.; 3 for 40 c .; doz., $\$ 1.20,2$ year old plants, each, 25c.; 3 for 60 c .; doz., $\$ 2,00$.


BEST STANDARD STRAWBERRIES.
Wilson's, Bubach, No. 5 (P), Jessie, Sharpless, Edgar Queen ( P ), Haverland ( $P$ ).
Varieties matked ( $P$ ), have imperfect flowers; they «ill not produce well unless every third or fourth row or plant is a produce fowering variety, as all are not marked. Thus planted the sorts are most productive. Price of above planted the sord sorts:

Pot grown Plants, per doz., 75c.; per 50 by express, \$1.75. If to go by mail add for postage 10c. per doz., 50 c . per 100.

## - RASPBERRIES.

If to go by mail add loc. per doz
Shaeffer's Colossal.-Iron-clad in hardiness; plant and fruit truly colossal, berries dark red, fine flavor. Doz., 50 c . i Yans $\$ 2.00$
as.-Ripens just after above; berries jet black large and of best quality. Doz., 50 C .; 100, $\$ 2.00$.

JAPANESE WINEBERRIES.
A new fruit which belongs to the Raspberry family, grows 2 to 6 feet high, is perjectey hardy. Fruit is born in grows clust, often 75 berries in a bunch. Different from any other berry in flavor; sweet and juicy; splendid for canning, makes a superio

CRANDALL TREE CURRANT.

5 Similar to the common Currant but with much larger fruit, The berries are bluish black and are often mistaken for small Grapes. Each, $30 c$; 4 for $\$ 1.00$.

## CURRANTS.

If by mail add 25c. per doz, to ryear price. 2 year plants by express only.
North Star.-Vigorous, upright grower; fruit bright red, sweet and most agreeable flavor. Fruit clings to the branches a long time. 2 year old plants, each 40 c . doz., $\$ 4.00$.

V'ictoria.-An imported Black Currant, splendid for jellies, preserves, etc. 2 year o'd plants, each, 25 c.; 3 for 60 c.

Cherry. - very large and productive, most popular sort. I year old plants, doz., 75 c .- 100, $\$ 4.00$.

Red Dutch.-Old standard sort of which millions have been planted; very sweet and productive. I year old plants, doz., 45c.; 100, $\$ 300$.

Naples.-Well-know Black Currant. I year old plants, each, roc.; doz ${ }_{0}$ \$r. Wisteria Sinensis.-Climbing Lilac, flowers lavender. Each, 15 and 25 C Wisteria Sinensis, Alba.-White flowers. Each, 35 c .



EDMAND'S BLOOD TURNIP.

## ASPARAGUS ROOTS.

Cotiover's Colossal.-I year old roots, per $100,50 c$; per $1000, \$ 4.50 ; 2$ year old roots, per $100,75 \mathrm{C}$. ; per $1000, \$ 6.00$.
Glant Early Argentenil.- year old roots, 25 for $\$ \mathrm{~m} .50$; per $100, \$ 5.00$. Fant's Mamminoth.-2 year old roots, per $100, \$$. $00 ; 500, \$ 4.00 ; 1000, \$ 7.50$. NOTE,-If these are to be sent by mail, add 40 c . per roo to above prices.
 by express, deduct 8 cents per pound.

## BEETS.

mmproved Early Egyptian.
Dewping's Early Biood Turnip
Edmand's, selected stock.
Long Smooth Dark B1ood
Swiss Chard or silver Beet

$$
C A B B A G E
$$

Early Jersey Wakefield, selected
Henderson's Early Summmer
Vandergaw (Vaughan's Market Gardener's).
All Seasons. (Early and late)
Fottler's Improved Brimswick
Premium Flat Dutch
Henderson's Succession
Henderson sumess
Louisvine irimiseport Drumhead.
Briageport oru
Extra Early Paris Savoy CARROT.
Very Early Scarlet. (French Horn)
Early Short Stump Rooted
Malf Long stump Rooted.
Ox Heart or Guerande.
Chantenay
Danver's (selected stock).......
Improved Iong Orange
$C A U L I F L O W E R$.
Vaughan's Earliest Dwarf Erfurt. Danish 8nowball.

CORN SALAD.
Large Round-Leaved
CUCUMBER.
New Everbearing
Improved White spine
Evergreen white Spine
Extra Long White spine.
Rollison's Telegraph
Rollson's Tel

## LETTCCE.

Clicago Forcing
Grand Rapids Forcing
Denver Market Forcing
BBack Seeded Simpson, extra select
Golden stonehead
Henderson's New York

## ONION.

Extra Early Flat Red
Targe Red Wethersfield
Eariy Red Globe.
Early Flat Yellow Danvers
Early Flat Yellow Danvers.....
Fariy yellow elobe diturers...
Mammoth pompeii
Prizetaker (The Genuine)

## PARSLEY.

Double Curled
Champion Moss Curled
Ferm-i,eaved
MUSHROOM SPAWN.
English, one pound bricks, 25 c. each. By freight 25 Fres. $\$ 2.50$; 100 lbs., $\$ 7.50$.
French, two pound boxes, $80 c$. each,; by mail, $\$ 1,20$
French, loose, per lb., 50 .
RADISH.
H.ong Brightest Scarlet (white tip)

Improved French Breakfast.
Vaughan's Extra Early Carm. Turnip
Vaughan's Extra Early Scarlet Globe
Wood's Early Frame.
Vawghan's 20.Day Forcing (deep scarlet)
Scarlet Turnip, White Tip.
Earliest White'Turnip.
Early Long Scarlet, Short Top.
Improved Chartier or Shepherd
Hong White vienina or hady Finger
China Rose Vinter
Round Black Spamish
Round Biack Spanisi
White spanish vinter
Califorma Mammoth white vinter...
SPINACH.
Extra Large Round- eaved
Fong standing
Rloomsdale.
Prickly or Winter

## TOMATO.

Vanghan's Earliest of All-
Chemin Market
TCRVIP.
Emtra Rarly milan
Early Rea rop
Purple Top Munich
Purple To Elobe.
White Erg
White Flat Dutch
White Globe
yellow Aberdeen.
Golden Ball.
Sweet German..
SWEDES OR RUTABAGAS.
American Rutabagas
Skirvinge Rutabagas.
Laing's Swerle.
Carter's Imperial swede
Warite swede.


## FLOWER SEEDS FOR FALL SOWING.

## FOR FULL DESCRIPTIONS SEE OUR SPRING CATALOGUE.

## SWEET

To obtain early flowers of this favorite as well as to insure a long flowering season, the most careful cultivators have long recommended earliest possible planting in the spring for this flower, but within a recent period it has been learned by repeated experiments that seed sown in the fall, following the natural course of the plant itself in diso tributing the seed on the ground when ripened, nearest complies with nature's requirements, and that such plantings have started early in the spring and with far better results than when the seed has been sown in the spring. We have made for this purpose a selection of the strong growing sorts in the full line of colors. Sow them in the fall.
$\approx$ "VAUGHAN'S SPECIAL" MIXTURE OF SWEET PEAS. ©
Price for large packet, roc.; 3 for 20c.; oz., Isc.; $1 / 4 \mathrm{lh}$., 45 c .; 1 lb ., $\$ \mathrm{r} .50$, postpaid.
SWEET PEAS FOR FORCING, Blamche Ferry, pink
Emily Eenderson, white, each, per packet, 5 c.; oz., ioc.
 SWFIET PEAS, "Colored Plate Collection," 24 varieties, r large packet each (illustrated in our last Spring's catalogue), 50c. (reduced from 75c.)

## $\longrightarrow$ VAUGHAN'S PANSIES

Pansies delight in the moist cool weather of early spring, showing then the most superb colors and largest blooms. To secure such early blossoms plant in the fall from August to November. Nearly all Florists sow their Pansy seed in the fall. Full directions for culture on all our packets. We have the following grand mixtures unexcelled in the world.

## VAUGHAN'S INTERNATIONAL PANSY MIXTURE.

## The best selections from many growers

It contains seed from the most celebrated growers of France, Germany, England and America, and comprises all the finest and most "odd" colors found in the German strains as well as the Giant-Flowered Trimardeau, Bugnot and Cassier. Packet, 25 cents; 5 packets, $\$ 1.00$.
Giant Pansy mixture, this mixture comprises all the best sorts and colors of our Giant Pausies and will furnish a Pansy bed to the satisfaction of everyore. Per pizt ( 250 seeds), 20c.; 3 pkts. for 50 c .; $1 / 8 \mathrm{Oz}$., $\$ \mathrm{i} .00$.

## Mammoth Butterfy Mixture, pkt, 100

Vaughan's Premium Pansy mixture, introduced by us several years ago, has held its own and we can only say that it is as choice and desirable as ever. Per packet, 10 cents; 3 for 25 cents; $1 / 8$ ounce, $\$ 1.00$.
Vaughan's Chicago Parks Bedding Pansiee, separate colors. Per package, 5 cents; 6 for 20 cents; Mixed, per packet, 3 cents; $1 / 8$ oz., 30 cents; oz., $\$ 1.50$.

## VAUGHAN'S INTERNATIONAL PRIMULA.

This mixture contains, besides all the most distinct sorts, a number of other colors selected from the best American, French, English and German growers, and we know it will give entire satisfaction. Packet, 25 cents.

CACTUS FROM SEED.-These come readily from seed which should be sown in flower-pot saucers filled with coarse samd, and covered with a piece of glass. A better way is to set the saucer in which the seeds are planted into one of larger size containing water, thus keeping the sand in proper condition of moisture. Put the young seedlings into very small pots at first. Many varieties, extra choice mixed. Pkt, 10c.; 3 for 25 c .
Per Pk

Abutilon, finest mixed
Alyssum saxatile compactum
Aquilegia, Columbine double and single, mixed.
Auricula, fine mixed.
Begonia Vernon.
Calceolaria, finest mixed
Calendula Prince of Orange
Campanula, Cup and Saucer
Canterbury Bells, double and single, mixed
Carnation, double Margaret...
-New Dwarf Margaret, choicest mixed

- Eiver blooming (Chabaud) best mixed
——ienua Dwarf, mixed.
Chrysanthemum, Paris Daisy.
Centaurea candidissima (Dusty Miller)........
Cineraria, Vaughan's Columbian Mixture, extra large flowers in the most beautiful colors.
Cabaea Scandens, blue, pretty climber.
Convolvulus mauritanicus, for hanging baskets..
Cowslip, mixed
Cyclamen Persicum, fine mixed.
-Giant-Flowered varieties, mixed.
Daisy, Vaughan's Mammoth, mixed Extra choice mixed.
Good mixed...
Dracaena Indivisa, handsome pot plant...
Forget-Me-Not, Victoria, blue...
Fuchsia, double and single,


## Vauø̧han’s @hicaø̧o Parks Lawn Seed.

GRASS SEED SOWN IN THE

## FALL (SEPTEMBER AND

OCTOBER) MAKES A
BETTER LAWN THAN
SEED SOWN IN SPRING.

OUR CHICAGO PARKS LAWN SEED is prepared for use in the Chicago Parks, named by us and sold at our three stores for many years with very general satisfaction. It will produce an even, dense growth of permanent sward as early in the season as it is possible to do. This mixture contains no annual grasses for making quick show to the detriment of a good lawn, but only those of lasting value and hardiness, which when once established need no reseeding for years.
nce For forming new lawns use four bushels of seed to an acre, or one bushel to about 100 ft . square. If to go by mail add 8 c . per lb.

## CHICAGO PARKS MIXTURE.

Finest quality, $1 \mathrm{lb} ., 25 \mathrm{c} ; 5 \mathrm{lbs} ., \$ 1.00$; bush., $\$ 2.75 ; 4$ bushels, $\$ 10.00$. Good Quality, 1b., 20c ; bush., $\$ 2.40 ; 3$ bush., $\$ 6.75$.


GRASS AND CLOVER SEEDS
which are subject to market changes we supply in large quantities. Write us for latest prices before ordering.

LAWN FERTLIZER.-Our Lawn Fertilizer (Bone and Phosphates) is a most desirable article for supplying the soil with requisite food for a luxuriant growth of grass, and avoids all the objectionable features of animal manure, as weed seeds, etc. Our customers who have had it once will have no other. It can be applied either in the Spring, Summer or Fall, at the rate of one pound to 16 square feet. Price, not postpaid, per lb., 1oc; 5 lbs ., 30 c .; 10 lbs . 50 c .; 25 lbs ., $\$ 1.00 ; 50 \mathrm{lbs}$., $\$ \mathrm{r} .75$; 100 lbs ., $\$ 3.00$.

## POULTRY SUPPLIES.

Haven's Climax Condition Powder.-It cures diseases and keeps stock and formls healthy. All who have used Haven's Powder once will have it again. Price, 14 oz . package, 25 c .; by mail isc. extra for postage, 5 lb . box (equal to $\delta$ packages) $\$ 1.00$. Circulars free on application.

GROUND OYSTER SHEXI.S.-Of great value to all poultry. Bbl. of $275 \mathrm{lbs} ., \$ 3.00 ; 3 \mathrm{bbls}$. for $\$ 8.25$. 100 lbs .; $\$ 1.25,50 \mathrm{lbs}$., 80 cc ., 25 lbs ., 50 c .; 5 lbs., 15 c .
RRUST'S EGG PRODUCER.-Makes the Eggs plentiful and keeps fowls vigorous and healthy; it is just what is needed to make poultry-keeping the most profitable operation on a farm or place. Full directions on each box. I lb. box, $25 \mathrm{c} .: 2 \frac{1}{2} \mathrm{lb}$. box. $50 \mathrm{c} . ; 6 \mathrm{lb}$. box, $\$ \mathrm{I} .00$. If by mail add 16 c . per lb . for postage. Send for descriptive circular.

COARSE GROUND BONE, Especially prepared for chickens, etc. Price, $5 \mathrm{lbs}, 25 \mathrm{c} . ; 25 \mathrm{lbs} ., 80 \mathrm{c}$.; 50 lbs ., $\$ 1.40 ; 100 \mathrm{lbs} ., \$ 2.50 ; 200 \mathrm{lbs} . \$ 4.50$.

## WILSON'S BONE MIKIS.

No. Y. Bone Mill, without iron legs, weight 35 lbs., $\$ 4.00 ; 3$ for $\$ 11.75$. No. T. Bone Mill, without iron legs, weight 35 lbs , $\$ 4$
No. I. No. O. Family Grist Mill, $\$ 4.00 ; 3$ for $\$ 11.75$.


PURE BONE MEAL.-ANaLySIS: Ammonia, 3 to 4 per cent., Bone Phosphate, 45 to 55 per cent. Every bag is guaranteed pure bone. It is made from the boue gathered from the plains and farms without being steamed or baked. Price, per bag of $200 \mathrm{lbs} ., \$ 4.50 ; 5$ bags or over, $\$ 4.00$. Harrow or drill in, using 200 to 300 lbs , per acre at time of seeding. In small lots by express, not prepaid, 5 lbs., 30 c .; 10 lbs., 50 c .; 25 lbs ., 85 c .; 50 lbs ., $\$ \mathrm{I} .50$; 100 lbs ., $\$ 2.75$.

## COLUMBIAN FLOWER TUBS.

These tubs being made of the best pine lumber will keep for years without rotting. They are made of 12 staves in tapered shape, heid together by two steel wires, which are connected with substantial iron handles, and so arranged that the wire can be tightened or loosened by simply turning nut on handle,

## No. T. Plain.

Painted Green or Red.
12 by II
15 by 14 in .
21 by $181 / 2 \mathrm{in}$

Staves are finished alternately imitation redwood and natural varnish finish.



Each.
$\$ 150$
$\begin{array}{ll}225 \\ 300 \\ 3 & 75\end{array}$ 375
450


## CRINSOM CMOMER.

Of as great value to the Western States as Alfalfa, or common Red Clover.
It grows, blossoms and seeds the same year making both good feed and a good seed crop in one season.

Of greatest value for fall, winter and early spring pasturage sown after any grains or Potatoes. As hardy as Red Clover or Wheat. Sure to be in great demand for many years. It is a Money Maker for any Farmer who sows it for a Seed crop.

Present Price of Crimson Clover. Subject to change without notice. Best American Grown Seed.-Postpaid per 1b., 25c.; $2 \mathrm{lbs} ., 40 \mathrm{c}$. By express or freight, 10 lbs ., goc.; 25 lbs., $\$ 2.00 ; 50$ lbs., $\$ 350$, 100 lbs., $\$ 6.50$, bags included. Imported Seed. Choice and clean, by freight.or express, $10 \mathrm{lbs} ., 75 \mathrm{c}$., 25 lbs ., $\$ 1.75 ; 50 \mathrm{lbs}$., $\$ 3.00$; 100 lbs ., $\$ 5.50$, bags included.

From the Country Gentleman.
Through a half column article we started the "boom" in Crimson Clover, by calling the attention of thousands of farmers in parts of the country where it had never been previously heard of, but mhere its name is now a household word.
It has spread pretty well through Pennsylvania; Delaware, Maryland and It has spread pretty well through Pennsylvania; Delaware, Maryland and Virginia, and can be grown over a large extent of territory, including all the southern, central. Western, and probubiy the northern states. Its existence as far north as Saratoga county in this state was reported in our issue of June is last, by a writer who first noticed it in 1891. .Since which time it has spread rapidly, even in poor soil." In fact it is hard to say where it will not grow and thrive; and happy are the regions which possess it. Hardly another plant of anything like the sime value has been made known to American farmers during the curvent century year.

COMMON FLOWER POTS AND SAUCERS.

## Fall Edition of Vaughan's Gardening Illustrated, Chicaūo and New York

## $\approx$ GRAIN FOR FALL SOWING.

 $T$ is a fact universally admitted that grain cultivated year after year in the same locality, or on soil of similar nature, will in time "run out"-the yield materially depreciates. CHANGE OF SEED when judiciously carried out is certain to IMPROVE THE QUALITV and increase the quantity. The recent increase in acreage of Winter Wheat sown in the Central States is accounted for only by a most gratifying increase in yield wherever tried and now it is generally conceded that the Winter Wbeat crop is a fairly safe one, and even at the present low prices of the product, is as liable to pay a profit as any of the standard farm grains. We are fortunate in offering a large list and at closest possible HARD TIMES PRICES. Every variety is carefully recleaned by us. You can well afford to pay the prices given for handsome recleaned seed, to say nothing of the superior new kinds we supply. Sow good seed, double your crops and strike against "hard times." To con inue to plant old and exhausted varieties may lose in yield many times the cost of new seed, while a good crop of a new and desirable grain may be disposed of in the neighborhood at a fair advance over ordinary stock: CHANGE YOUR SEEDIn 1 to 3 lb . lots we prepay postage or express charyes; in peck lous or over, we deliver goods free at depot or express offlce in Chicago, (for New York price on bushel lots and upwards of Field Seeds, add $1 / 2$ cent per pound) the purchaser in all cases paying freight or express charges.


JONES'S WINTER FIFE WHEAT. (BALD.)-This remarkably fine wheat is perfectly hardy even if sown as late as the middle of October. It is especially suited for rich, strong clay soils, ripens early, but can be left until dead ripe before harvesting. Straw grows tall, heads long and broad, kernels dark red and nearly round; chaff white. Owing to the heavy structure of the grain a measured bushel weighs 64 to 66 pounds. Per lb., 25c.; 3 lbs., 60 c ., postpaid; by freight or express, peck, 50c.; bushel, $\$ 1.50$.

New Red Wonder Wheat. (BEARDED.)-One of the most hardy and productive varieties of Winter Wheat. Medium height; straw light color changing to pale red near the top. Ripens early. Kernels dark amber, extremely hard, remarkably heavy and solid averaging 63 pouids per bushel. The straw is very stiff and the wheat always stands erect, no matter how heavy the crop. Lb., 25 c .; $3 \mathrm{lbs}, 60 \mathrm{c}$., postpaid; by freight or express, peck, 40 c.; bushel, $\$ 1.35$; 2 bushels, \$2.50, including bag.

Early Red Clawson Wheat. (BALD.)-Has been cultivated for a sufficient length of time to thoroughly test its character, nature and quality. It proves early and hardy, has stiff straw, and yields bountiful crops Suitable for rich clay soil. Lb., 25 c .; 3 lbs., 65c., postpaid; by freight or express, per peck, 50c.; per bushel, \$i.50.

Canadian Velvet Chaff Wheat. (BALD.)-Rounder, plumper and whiter than Clawson. The head is long and close; straw stiff and bright, chaff mottled brown and white. Heavy yieider, as high astwenty heads have been counted from a single root. Lb., $25 \mathrm{c} . ; 3 \mathrm{lbs}$., 60 c ., postpaid; by freight or express, peck. 50 c.; bushel, $\$ 1.35$; 2 bushels, 82.50 , bag included.

EARLY GENESEE GIANT WHEAT. (BEARDED.)-A new amber wheat, very hard and rich in gluten. A marvel of productiveness, having yielded $64 \frac{1}{2}$ bushels to the acre with ordinary cultivation. Heads are long, broad and square, kernels plump and of good size, straw stiff and erect, chaff smooth and dark brown. Tested by experts in milling it is shown to be very thin in bran. It is adapted to a great rariety of soils and is destined to become a most popular sort. Lb., 30c.; 3 lbs., 85 c ., postpald; by freight or express, $3 / 2$ peck, 65 c.; peck, $\$ 1.00$; bush., $\$ 3.50$.

Hindostan Wheat, (BEARDED.) -This new variety first introduced by us has done exceedingly well, and has become widely and favorably known. We are sure that our customers who buy it this year for a trial will find ready sale for their crop for seed next season at good prices. Its origin was, as stated last year, from a few grains found in hides imported from Hindostan. It is early, ripening six to eight days earlier than standard grades. Straw red, with red chaff, 5 to $5 \frac{1}{2}$ feet high, heads long, bearded. The grain is red and flinty; it has yielded over 50 bushels per acre. Lb., 25c.; 3 lbs., 55 c ., postpaid; by freight or express, peck, 40 c .; bushel, $\$ 1.35$; 2 bushels, $\$ 2.50$, bag included.
Reliable wheat. (BEARDED.)-A Canadian variety, very hardy and just what its name indicates. Free from mildew and as little damaged by insects as any older sorts. The grain is remarkably hard, solid and flinty, weighing in good seasons about 64 to 66 pounds to the bushel. Straw light yellow color, strong and will stand up under almost any circumstances. Lb., 25c.; 3 lbs., 55c., postpaid; by freight or express. peck, 40 c .; bushel, $\$ 1.30$; 2 bushels, $\$ 2.40$, bag included.

Mediterranean Hybrid Wheat. (BEARDED.) Michigan bronze. It is a cross between the old Dieht and Mediterranean, having the flouring quality and bearded head of the latter, with the productiveness, hardiness and close compact head of the former. It is a vigorous grower, well adapted to light soils, stands four feet high, and is of good stooling habit. The berry is of a bright amber color, of medium fize and very handsome. Lb., 25c.; 3 lbs., 55c., postpaid; by freight or express, peck, 5Oc.; bushel, $\$ 1.40$.

ARCTIC RYE.-Especially suited for dry sections. Without irrigation wll produce from 30 to 40 bushels to the acre. It has been cultivated for four years at the Government Experimental Grass Station at Garden City, Kansas, and pronounced of great merit as a Fall Rye. If in the arid region there is the usual amount of rain its production will exceed somewhat the quantity above. Stock Limited. Lb., 30 c .; 3 lbs ., 80 c ., postpaid.

THOUSANDFOLD RYE.-Rank grower with stiff, heavy straw. Heads of tmmense size filled with plump grains. Its yield is 20 to 25 per cent. greater than any other Rye, and it makes excellent flour. Eight bushels of seed has yielded 264 measured bushels. Lb., $25 \mathrm{c} .: 3$ 1bs., 60 c ., postpaid; by freisht or expuress, peck, 40c.; bushel, $\$ 1.25$, bag included.


## WINTER TURF OATS.

This valuable grain has for several years been growing in favor and use in many parts of the South and has proven extremely valuable, both tor the grain and for winter grazing. One of our correspondents in Tennessee reports that he shall sow 50 acres the coming season for this purpose. The Oats may be sown anytime from August as late as the ground can be worked. Of course the later sowings are more liable to winter kill and afford less pasture. They will, however make a good crop sown as late as October rst, as well as early in the spriug, producing larger yield in bushels and in weight than Spring Oats and they are fully as hardy as winter wheat, growing in poorer soil than that and affording much better pasture. These Oats are remarkable for their free stooling habits, producing 25 to 40 stalks from one grain, and while our illustration may be somewhat exaggerated, the Oats certainly do stool wonderfully. The height is from 4 to 5 feet. Its great value for grain and winter pasture makes it worthy the attention of every farmer. Our price is very low, as follows: Per oz. plt., $10 \mathrm{c} . ; 1 \mathrm{lb}, 30 \mathrm{c} . ; 3$ libs., 75 c ., postpaid. By express or freight on cars at Chicago or N. Y., pk., 50c.; bu., $81.50 ; 2$ bu., 82.75 .

[^2]
## AMARYLLIS JOHNSONI OR SPICE LILY.

Undoubtedly one of the grandest bulbs for pot culture. The immense trumpet-shaped flowers Which measure from six to eight inches across are borne on strong, fleshy flower spikes, and are of rich deep velvety crimson, each petal having a broad white stripe, contrasting beautifully with the deep red
color. They are sure bloomers. Large bulbs, each, $40 \mathrm{c} ; 3$ for $\$ \mathrm{I} .00$.


## VAUGHAN'S "HAARLEM FORCING" TULIPS FOR POTS.

This "Haarlem Forcing" collection of Tulips has been chosen from the most brilliant and large flowering of the Forcing Tulips grown in this most favored spot of Holland, and astonishing results in pots or window gardens will be obtained. They are also unexcelled for bedding
HAARLEM SCARLET, dazzling color, large glossy flower, 7 to 8 nches high.

HA ARIEM ROSE, rosy pink, feathered with white, 6 to 8 inches high; beautiful-shaped flower.
HAARLEM GRAND DUKE, deep brownish crimson, with bright ellow margin about 9 inches high, large and exceedingly showy.

HAARLEM YELLOW, the purest color and largest flower of any Yellow Tulips; 9 inches high: charming

Prices by mail, each 5c.; 4 (I each or all one kind) for 20c.; doz. (3 each or all one kind) 50c. By Express, one doz. each of above 4 sorts, $\$ \mathrm{I} .30 ; 25 \mathrm{each}$, for $\$ 2.25$

## FOUR ELEGANT NEW TULIPS.

OFFEERED BY US FOR THE FIRST TIME.
DUSART, a grand flower, the best scarlet we know for bedding. The flowers are very large and of the most dazzling scarlet imaginable. This sort is a great favorite with the London Park gardeners on account of its robust constition which enables it to remain in bloom longer than other sorts.

JOHN BRIGHT, a new sort with very large flower of a beautiful pink.
MOUCHERON, another deep scarlet sort with large flowers which we consider a valuable acquisition.

SCARLET PERFECTION, the flowers of this novelty are of immense size, beautiful form, and of a rich velvety deep red color

PRICE, any of above 4 kinds, per 100, $\$ 3.00 ; 25$ for $85 c$.; dozen, 45 c. each, 5 c. If by mail add 5 cents per dozen.

SPECLAL OFFER: 3 each of above 4 kinds for 45 c .; by mail, 50 c .


## ~のNEW " DARWIN" TULIPS. $\quad .0$

(See back cover.) These splendid May-flowering Tulips are the grandest bedding Tulips in cultivation, growing o to 24 inches high, with strong stiff stems. All possible cclors will be found in the mixture, many of which appear in no other Tulips. They vary from rose to deep red, light blue to deep violet purple, and from delicate brown to true BLACK. In our estimation the Darwins possess the highest present value of any class of bulbs for the garden, flowering when no other flowers can be seen

DARWIN TULIPS, Fine Bulbs, Mixed, price, 3 for 15c.; 6 for $25 c . ; 12$ for 40 C ., postpaid. 25 for 60 c .; Ioo for $\$ 2.00$, not prepaid.

## RURAL BOOKS. The prices quoted below include postage.

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stems over five feet in height and nearly inch in diameter at the bottom. A few flowers of this enormous size would make a floral decoration for church and hall, worth looking at. It is certainly a royal plant. Price, fine flowering bulbs, esch, 60c.; 2 for $\$ 1.00$; postpaid.

## THE WHITE CALLA LILY.

This very distinct and meritorious novelty was introduced by us four years ago, and is a great addition to the Calla family. When first offered no one could believe it possible that such a miniature flower was of natural growth, but now immense quantities of this really beautiful, compact little plant have been sold in this country and abroad. We keep them in all stages of growth at our greenhouses. The plant is a miniature form of the old-fashiored Calla; a full grown specimen stands only 8 or ro inches in beisht with a wealth of foliage, and if grown properly, is rarely without flowers at any season of the year. Do not re-pot too often, but let the pot become solidly filled with roots to flower freely. Hech, $15 c$; 3 ror 40 c .

## - BLACK CALLA.

## (ARUM SANCTUM.)

This has been a very scarce bulb and seldom enough in the conntry to supply the demand. but we hope to supply all our customers this season. This Calla blooms only in winter, the coal black flower with its distinct odor attracting mach attention. The foliage is a lusuriant green, while from the center of the flower the spathe or spadix, (also deep velvety-black) rises to a height of 8 or 10 inches. Pot the bulbs as soon as received. Fach, 20c.; 8 for 50 c., postpaid.

Tocsrson, IND. - The bulbs came in good condition, thanks for the quick dellvery, I have some of the most beautiful pinks from that mixed package you sent last spring. My Giant Pansies are grand.
J. A. Gibson.

## SPRINKLER.

## SCOLLAY'S RUBBER.

Indispensable for Floral work and Window Gardening. Each, $\$ 1.00$; if by mail \$1.10. Same style medium, 75 C .; if by mail, 82c.; small, [No. 4] 60c.; if by

## VAUGHAN'S STEEL TROWEL.

## TO TRY IT

Is to Always Use It. To one who has a garden should be without one of breen's patent finger spades.
For weeding it has no equal. Fitting the finger like a glove almost, the smallest weeds can be extraoted without diffioulty and with the esrth. It is also splendid for transplanting. Price, 10 coj or by mail 150 .
mail, 65 c .


Bulbs for



[^0]:    OUR SPRING CATALOGUE FOR 1896 Will be ready in January, and will contain in addition to a very complete list of all the best standard Flower and Vegetable Seeds, Garden Tools, Farm Seeds, Fertilizers, etc., a number of the choicest novelties tested by us the past season. A copy will be sent without application to all our regular customers as soon as issued. We shall be pleased to mail one to your friends who purchase seeds and plants by mail, and whom you believe would be interested in our catalogue.

[^1]:    Schlegel's Red Branched.Therew growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses. Strong plants from 4 inch pots, by express only. Each, 75c.

    Otaksa.-Deep rosy pink; vigorous grower, nearly hardy. Strong plants from 4 grower, nearly hardy. Strong plants fro

[^2]:    Calnoon Broadcast Seed Sower.-A hand-machine very largely used. The quantity to be sown is easily regulated. It distributes evency four to six acres per hour. It will scatter following distances: Wheat, Barley, Rye, ${ }_{25}$ feet, Clover and Timothy, 18 to 20 feet. The bag and hopper hold about 22 quarts. Weight $51 / 2$ pounds. Price, $\$ 3.75$; three at one time for $\$ 10.00$; six in one order for $\$ 19.00$.

    While very strong it is light in operatiou, crushes lumps, levels the ground and thoroughly pulverizes the soil at one time. Price, No. 15 (weight 100 lba ) ior 2 horses, 12.00 f.o. b. Chicago. Send for discriptive book.

